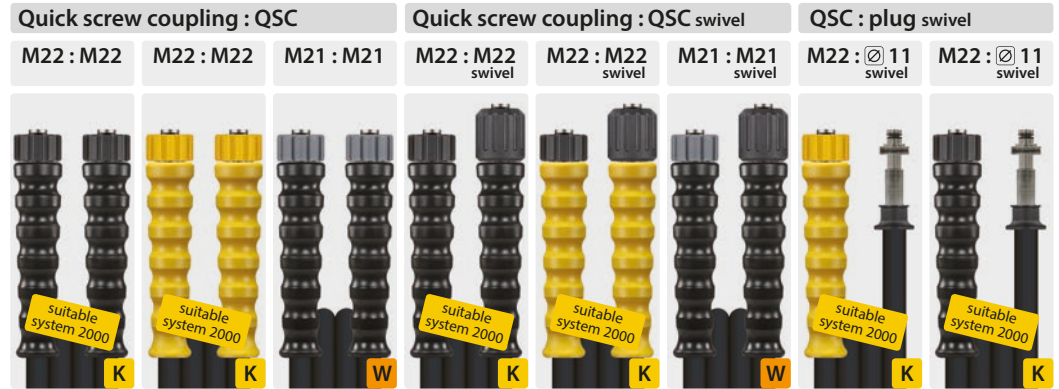




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High pressure hoses with *wrapped cover*Hoses with single wire braid and *wrapped cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1SN	6	210 bar	150 °C	10 m	330 100 310		330 120 310	330 101 310		330 121 310		330 111 310
				15 m	330 100 315		330 120 315	330 101 315		330 121 315		330 111 315
				20 m	330 100 320		330 120 320	330 101 320		330 121 320		330 111 320
1SN	8	210 bar	150 °C	10 m	340 100 310	340 100 410	340 120 310	340 101 310	340 101 410	340 121 310	340 111 410	
				15 m	340 100 315	340 100 415	340 120 315	340 101 315	340 101 415	340 121 315	340 111 415	
				20 m	340 100 320	340 100 420	340 120 320	340 101 320	340 101 420	340 121 320	340 111 420	
1SN	8	315 bar	150 °C	10 m	343 100 310	343 100 410	343 120 310	343 101 310	343 101 410	343 121 310	343 111 410	
				15 m	343 100 315	343 100 415	343 120 315	343 101 315	343 101 415	343 121 315	343 111 415	
				20 m	343 100 320	343 100 420	343 120 320	343 101 320	343 101 420	343 121 320	343 111 420	
1SN	10	210 bar	150 °C	10 m	350 100 310	350 100 410	350 120 310	350 101 310	350 101 410	350 121 310		
				15 m	350 100 315	350 100 415	350 120 315	350 101 315	350 101 415	350 121 315		
				20 m	350 100 320	350 100 420	350 120 320	350 101 320	350 101 420	350 121 320		

Hoses with double wire braid and *wrapped cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SC	6	400 bar	150 °C	10 m	335 100 310		335 120 310	335 101 310		335 121 310		335 111 310
				15 m	335 100 315		335 120 315	335 101 315		335 121 315		335 111 315
				20 m	335 100 320		335 120 320	335 101 320		335 121 320		335 111 320
2SC	8	400 bar	150 °C	10 m	345 100 310	345 100 410	345 120 310	345 101 310	345 101 410	345 121 310	345 111 410	
				15 m	345 100 315	345 100 415	345 120 315	345 101 315	345 101 415	345 121 315	345 111 415	
				20 m	345 100 320	345 100 420	345 120 320	345 101 320	345 101 420	345 121 320	345 111 420	
2SC	10	400 bar	150 °C	10 m	355 100 310	355 100 410	355 120 310	355 101 310	355 101 410	355 121 310		
				15 m	355 100 315	355 100 415	355 120 315	355 101 315	355 101 415	355 121 315		
				20 m	355 100 320	355 100 420	355 120 320	355 101 320	355 101 420	355 121 320		

Hoses with single wire braid and *wrapped thick cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1ST	8	210 bar	150 °C	10 m	340 200 310	340 200 410	340 220 310	340 201 310	340 201 410	340 221 310	340 211 410	
				15 m	340 200 315	340 200 415	340 220 315	340 201 315	340 201 415	340 221 315	340 211 415	
				20 m	340 200 320	340 200 420	340 220 320	340 201 320	340 201 420	340 221 320	340 211 420	
1ST	10	210 bar	150 °C	10 m	350 200 310	350 200 410	350 220 310	350 201 310	350 201 410	350 221 310		
				15 m	350 200 315	350 200 415	350 220 315	350 201 315	350 201 415	350 221 315		
				20 m	350 200 320	350 200 420	350 220 320	350 201 320	350 201 420	350 221 320		

All fittings are made out of zinc-plated steel. The hoses are also available with stainless steel fittings.

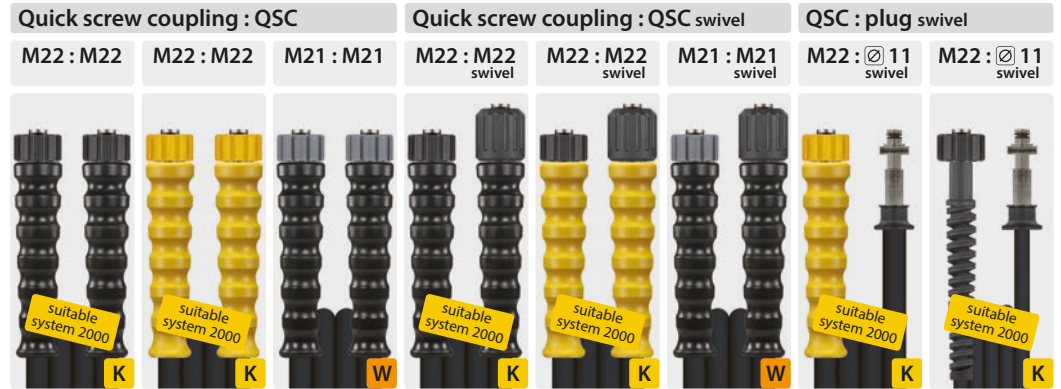
Please be so kind as to state the following on your order: R+M Nr. plus number:

7 = plug and crimp stainless steel 8 = plug stainless steel 9 = plug, crimp and connection stainless steel

Our hose assemblies are durably marked on the crimp in accordance with EN 853 / EN 856 / EN 855.

Symbols \varnothing diameter DN nominal diameter P pressure °C temperature ↔ length TYP type

High pressure hoses with smooth cover



Hoses with single wire braid and smooth cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
Flexy	6	300 bar	100 °C	10 m	390 000 210		390 020 210	390 001 210		390 021 210		390 011 210
				15 m	390 000 215		390 020 215	390 001 215		390 021 215		390 011 215
				20 m	390 000 220		390 020 220	390 001 220		390 021 220		390 011 220

Hoses with single wire braid and smooth cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1SN	8	250 bar	150 °C	10 m	340 600 310	340 600 410	340 620 310	340 601 310	340 601 410	340 621 310	340 611 410	
				15 m	340 600 315	340 600 415	340 620 315	340 601 315	340 601 415	340 621 315	340 611 415	
				20 m	340 600 320	340 600 420	340 620 320	340 601 320	340 601 420	340 621 320	340 611 420	
1SN	10	210 bar	150 °C	10 m	350 600 310	350 600 410	350 620 310	350 601 310	350 601 410	350 621 310		
				15 m	350 600 315	350 600 415	350 620 315	350 601 315	350 601 415	350 621 315		
				20 m	350 600 320	350 600 420	350 620 320	350 601 320	350 601 420	350 621 320		

Hoses with double wire braid and smooth cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SN	8	400 bar	150 °C	10 m	345 600 310	345 600 410	345 620 310	345 601 310	345 601 410	345 621 310	345 611 410	
				15 m	345 600 315	345 600 415	345 620 315	345 601 315	345 601 415	345 621 315	345 611 415	
				20 m	345 600 320	345 600 420	345 620 320	345 601 320	345 601 420	345 621 320	345 611 420	
2SN	10	400 bar	150 °C	10 m	355 600 310	355 600 410	355 620 310	355 601 310	355 601 410	355 621 310		
				15 m	355 600 315	355 600 415	355 620 315	355 601 315	355 601 415	355 621 315		
				20 m	355 600 320	355 600 420	355 620 320	355 601 320	355 601 420	355 621 320		

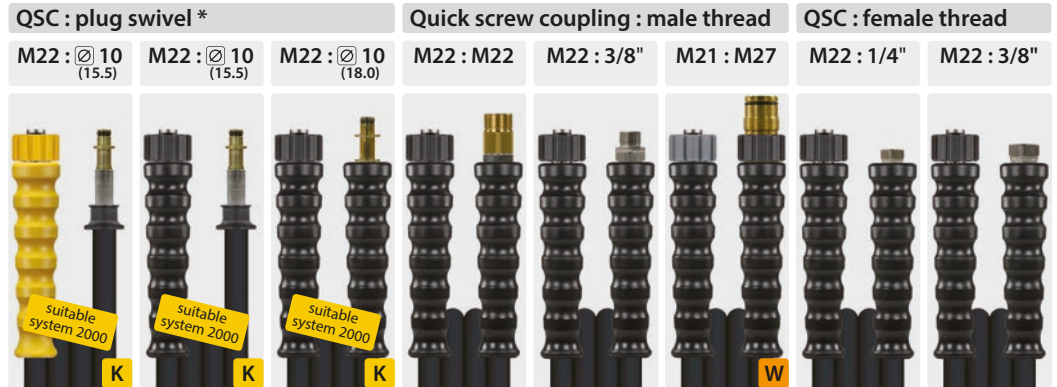
With effect from today - high pressure hoses with smooth cover in our range!

We are talking about an excellent high pressure hose with a very smooth surface having all positive features with the Flexy high pressure hose in common. The high pressure hose with smooth cover is characterized by the following features:

- » a high grade of bending property by flexible structure and design
- » is easily cleaned due to the smooth cover
- » is easily pulled around any corner, does not get stuck!
- » a low abrasion due to reduced friction
- » particularly designed for the use on hose reels

The very clean, stain- and ozone-resistant, smooth surface can be easily cleaned and is branded with a durable printing which is vulcanized into the hose. By means of using a special rubber compound the hose's flexibility was considerably improved.



High pressure hoses with *wrapped cover*Hoses with single wire braid and *wrapped cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1SN	6	210 bar	150 °C	10 m		330 110 310	330 128 310	330 104 310	330 103 310		330 112 310	330 113 310
				15 m		330 110 315	330 128 315	330 104 315	330 103 315		330 112 315	330 113 315
				20 m		330 110 320	330 128 320	330 104 320	330 103 320		330 112 320	330 113 320
1SN	8	210 bar	150 °C	10 m	340 110 410			340 104 310	340 103 310	340 194 310	340 112 310	340 113 310
				15 m	340 110 415			340 104 315	340 103 315	340 194 315	340 112 315	340 113 315
				20 m	340 110 420			340 104 320	340 103 320	340 194 320	340 112 320	340 113 320
1SN	8	315 bar	150 °C	10 m	343 110 410			343 104 310	343 103 310		343 112 310	343 113 310
				15 m	343 110 415			343 104 315	343 103 315		343 112 315	343 113 315
				20 m	343 110 420			343 104 320	343 103 320		343 112 320	343 113 320
1SN	10	210 bar	150 °C	10 m				350 104 310	350 103 310			350 113 310
				15 m				350 104 315	350 103 315			350 113 315
				20 m				350 104 320	350 103 320			350 113 320

Hoses with double wire braid and *wrapped cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SC	6	400 bar	150 °C	10 m		335 110 310	335 128 310	335 104 310	335 103 310		335 112 310	335 113 310
				15 m		335 110 315	335 128 315	335 104 315	335 103 315		335 112 315	335 113 315
				20 m		335 110 320	335 128 320	335 104 320	335 103 320		335 112 320	335 113 320
2SC	8	400 bar	150 °C	10 m	345 110 410			345 104 310	345 103 310		345 112 310	345 113 310
				15 m	345 110 415			345 104 315	345 103 315		345 112 315	345 113 315
				20 m	345 110 420			345 104 320	345 103 320		345 112 320	345 113 320
2SC	10	400 bar	150 °C	10 m				355 104 310	355 103 310			355 113 310
				15 m				355 104 315	355 103 315			355 113 315
				20 m				355 104 320	355 103 320			355 113 320

Hoses with single wire braid and *wrapped thick cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1ST	8	210 bar	150 °C	10 m	340 210 410			340 204 310	340 203 310		340 212 310	340 213 310
				15 m	340 210 415			340 204 315	340 203 315		340 212 315	340 213 315
				20 m	340 210 420			340 204 320	340 203 320		340 212 320	340 213 320
1ST	10	210 bar	150 °C	10 m				350 204 310	350 203 310			350 213 310
				15 m				350 204 315	350 203 315			350 213 315
				20 m				350 204 320	350 203 320			350 213 320

* not to be used for patented Kärcher guns.

All fittings are made out of zinc-plated steel. The hoses are also available with stainless steel fittings.

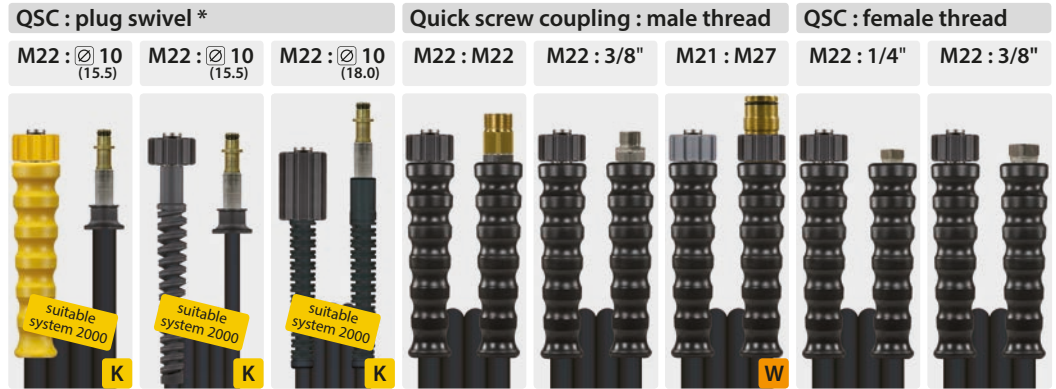
Please be so kind as to state the following on your order: R+M Nr. plus number:

7 = plug and crimp stainless steel 8 = plug stainless steel 9 = plug, crimp and connection stainless steel

Our hose assemblies are durably marked on the crimp in accordance with EN 853 / EN 856 / EN 855.

Symbols \varnothing diameter DN nominal diameter P pressure °C temperature ↔ length TYP type

High pressure hoses with smooth cover



Hoses with single wire braid and smooth cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	
Flexy	6	300 bar	100 °C	10 m			390 010 210	390 028 210	390 004 210	390 003 210		390 012 210	390 013 210
				15 m			390 010 215	390 028 215	390 004 215	390 003 215		390 012 215	390 013 215
				20 m			390 010 220	390 028 220	390 004 220	390 003 220		390 012 220	390 013 220

Hoses with single wire braid and smooth cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1SN	8	250 bar	150 °C	10 m	340 610 410			340 604 310	340 603 310	340 694 310	340 612 310	340 613 310
				15 m	340 610 415			340 604 315	340 603 315	340 694 315	340 612 315	340 613 315
				20 m	340 610 420			340 604 320	340 603 320	340 694 320	340 612 320	340 613 320
1SN	10	210 bar	150 °C	10 m			350 604 310	350 603 310	350 694 310			350 613 310
				15 m			350 604 315	350 603 315	350 694 315			350 613 315
				20 m			350 604 320	350 603 320	350 694 320			350 613 320

Hoses with double wire braid and smooth cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SN	8	400 bar	150 °C	10 m	345 610 410			345 604 310	345 603 310		345 612 310	345 613 310
				15 m	345 610 415			345 604 315	345 603 315		345 612 315	345 613 315
				20 m	345 610 420			345 604 320	345 603 320		345 612 320	345 613 320
2SN	10	400 bar	150 °C	10 m			355 604 310	355 603 310				355 613 310
				15 m			355 604 315	355 603 315				355 613 315
				20 m			355 604 320	355 603 320				355 613 320

Plastic hoses with single fabric braid

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	
Polya	6	160 bar	60 °C	8 m			460 010 208	460 028 208	460 004 208	460 003 208		460 012 208	460 013 208
				10 m			460 010 210	460 028 210	460 004 210	460 003 210		460 012 210	460 013 210
				15 m			460 010 215	460 028 215	460 004 215	460 003 215		460 012 215	460 013 215

High pressure hoses with smooth cover - 500 bar



Hoses with double wire braid and smooth cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
Flexy	6	500 bar	150 °C	10 m	338 000 310 9		424 300 010 9	424 301 010 9	424 344 010 9	
				15 m	338 000 315 9		424 300 015 9	424 301 015 9	424 344 015 9	
				20 m	338 000 320 9		424 300 020 9	424 301 020 9	424 344 020 9	

* not to be used for patented Kärcher guns.

High pressure hoses with *wrapped cover*Hoses with single wire braid and *wrapped cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	
1SN	6	210 bar	150 °C	10 m	330 174 310	330 176 310		330 152 310	330 154 310		330 142 310	330 144 310		
					15 m	330 174 315	330 176 315		330 152 315	330 154 315		330 142 315	330 144 315	
					20 m	330 174 320	330 176 320		330 152 320	330 154 320		330 142 320	330 144 320	
1SN	8	210 bar	150 °C	10 m	340 174 310	340 176 310		340 152 310	340 154 310		340 142 310	340 144 310		
					15 m	340 174 315	340 176 315		340 152 315	340 154 315		340 142 315	340 144 315	
					20 m	340 174 320	340 176 320		340 152 320	340 154 320		340 142 320	340 144 320	
1SN	8	315 bar	150 °C	10 m	343 174 310	343 176 310		343 152 310	343 154 310		343 142 310	343 144 310		
					15 m	343 174 315	343 176 315		343 152 315	343 154 315		343 142 315	343 144 315	
					20 m	343 174 320	343 176 320		343 152 320	343 154 320		343 142 320	343 144 320	
1SN	10	210 bar	150 °C	10 m		350 176 310			350 154 310	350 156 310	350 142 310	350 144 310	350 146 310	
					15 m		350 176 315			350 154 315	350 156 315	350 142 315	350 144 315	350 146 315
					20 m		350 176 320			350 154 320	350 156 320	350 142 320	350 144 320	350 146 320
1SN	12	180 bar	150 °C	10 m			360 100 310			360 156 310			360 146 310	
					15 m			360 100 315			360 156 315			360 146 315
					20 m			360 100 320			360 156 320			360 146 320

Hoses with double wire braid and *wrapped cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	
2SC	6	400 bar	150 °C	10 m	335 174 310	335 176 310		335 152 310	335 154 310		335 142 310	335 144 310		
					15 m	335 174 315	335 176 315		335 152 315	335 154 315		335 142 315	335 144 315	
					20 m	335 174 320	335 176 320		335 152 320	335 154 320		335 142 320	335 144 320	
2SC	8	400 bar	150 °C	10 m	345 174 310	345 176 310		345 152 310	345 154 310		345 142 310	345 144 310		
					15 m	345 174 315	345 176 315		345 152 315	345 154 315		345 142 315	345 144 315	
					20 m	345 174 320	345 176 320		345 152 320	345 154 320		345 142 320	345 144 320	
2SC	10	400 bar	150 °C	10 m		355 176 310			355 154 310	355 156 310	355 142 310	355 144 310	355 146 310	
					15 m		355 176 315			355 154 315	355 156 315	355 142 315	355 144 315	355 146 315
					20 m		355 176 320			355 154 320	355 156 320	355 142 320	355 144 320	355 146 320
2SC	12	300 bar	150 °C	10 m						365 156 310			365 146 310	
					15 m						365 156 315			365 146 315
					20 m						365 156 320			365 146 320

Hoses with single wire braid and *wrapped thick cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	
1ST	8	210 bar	150 °C	10 m	340 274 310	340 276 310		340 252 310	340 254 310		340 242 310	340 244 310		
					15 m	340 274 315	340 276 315		340 252 315	340 254 315		340 242 315	340 244 315	
					20 m	340 274 320	340 276 320		340 252 320	340 254 320		340 242 320	340 244 320	
1ST	10	210 bar	150 °C	10 m		350 276 310			350 254 310	350 256 310	350 242 310	350 244 310		
					15 m		350 276 315			350 254 315	350 256 315	350 242 315	350 244 315	
					20 m		350 276 320			350 254 320	350 256 320	350 242 320	350 244 320	

Our hose assemblies are durably marked on the crimp in accordance with EN 853 / EN 856 / EN 855.

Symbols DN nominal diameter P pressure °C temperature ↔ length TYP type

High pressure hoses with *smooth* cover



Hoses with single wire braid and *smooth* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
Flexy	6	300 bar	100 °C	10 m	390 074 210	390 076 210		390 052 210	390 054 210		390 042 210	390 044 210
					390 074 215	390 076 215		390 052 215	390 054 215		390 042 215	390 044 215
					390 074 220	390 076 220		390 052 220	390 054 220		390 042 220	390 044 220

Hoses with single wire braid and *smooth* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1SN	8	250 bar	150 °C	10 m	340 674 310	340 676 310		340 652 310	340 654 310		340 642 310	340 644 310
					340 674 315	340 676 315		340 652 315	340 654 315		340 642 315	340 644 315
					340 674 320	340 676 320		340 652 320	340 654 320		340 642 320	340 644 320
1SN	10	210 bar	150 °C	10 m		350 676 310	350 668 310		350 654 310	350 656 310	350 642 310	350 644 310
						350 676 315	350 668 315		350 654 315	350 656 315	350 642 315	350 644 315
						350 676 320	350 668 320		350 654 320	350 656 320	350 642 320	350 644 320

Hoses with double wire braid and *smooth* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SN	8	400 bar	150 °C	10 m	345 674 310	345 676 310		345 652 310	345 654 310		345 642 310	345 644 310
					345 674 315	345 676 315		345 652 315	345 654 315		345 642 315	345 644 315
					345 674 320	345 676 320		345 652 320	345 654 320		345 642 320	345 644 320
2SN	10	400 bar	150 °C	10 m		355 676 310	355 668 310		355 654 310	355 656 310	355 642 310	355 644 310
						355 676 315	355 668 315		355 654 315	355 656 315	355 642 315	355 644 315
						355 676 320	355 668 320		355 654 320	355 656 320	355 642 320	355 644 320

All fittings are made out of zinc-plated steel. The hoses are also available with stainless steel fittings.

Please be so kind as to state the following on your order: R+M Nr. plus number:

7 = plug and crimp stainless steel 8 = plug stainless steel 9 = plug, crimp and connection stainless steel

High pressure hoses with *smooth* cover

Quick screw couplings : quick screw couplings		QSC : plug swivel	
M22 : M22	M22 : M22 swivel	M22 : \varnothing 11 swivel	M22 : \varnothing 10 (15.5)
			

Hoses with single wire braid and *smooth* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
Flexy	6	300 bar	100 °C	10 m	390 000 321 0	390 001 121 0	390 011 321 0	390 010 321 0
				15 m	390 000 321 5	390 001 121 5	390 011 321 5	390 010 321 5
				20 m	390 000 322 0	390 001 122 0	390 011 322 0	390 010 322 0
1SN	8	250 bar	150 °C	10 m	340 600 321 0	340 601 121 0	340 611 321 0	340 610 321 0
				15 m	340 600 321 5	340 601 121 5	340 611 321 5	340 610 321 5
				20 m	340 600 322 0	340 601 122 0	340 611 322 0	340 610 322 0
1SN	8	315 bar	150 °C	10 m	343 600 321 0	343 601 121 0	343 611 321 0	343 610 321 0
				15 m	343 600 321 5	343 601 121 5	343 611 321 5	343 610 321 5
				20 m	343 600 322 0	343 601 122 0	343 611 322 0	343 610 322 0
1SN	10	210 bar	150 °C	10 m	350 600 321 0	350 601 121 0		
				15 m	350 600 321 5	350 601 121 5		
				20 m	350 600 322 0	350 601 122 0		

Hoses with double wire braid and *smooth* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SN	8	400 bar	150 °C	10 m	345 600 321 0	345 601 121 0	345 611 321 0	
				15 m	345 600 321 5	345 601 121 5	345 611 321 5	
				20 m	345 600 322 0	345 601 122 0	345 611 322 0	
2SN	10	400 bar	150 °C	10 m	355 600 321 0			
				15 m	355 600 321 5			
				20 m	355 600 322 0			

High pressure hoses with *wrapped* cover

plug : plug		ST-247 : ST-247		
ST-247 : \varnothing 11 swivel	stainless steel	stainless steel	stainless steel	stainless steel
				

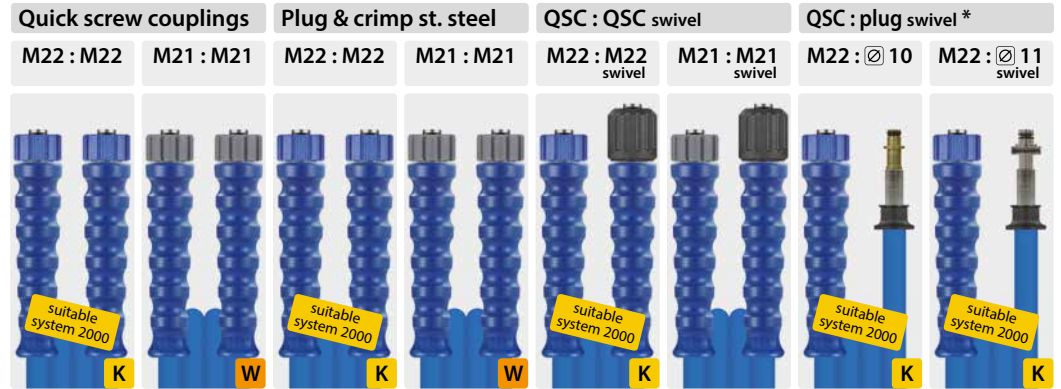
Hoses with double wire braid and *wrapped* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SC	8	400 bar	150 °C	10 m	345 115 521 0	345 114 851 0	347 114 851 0	346 114 851 0
				15 m	345 115 521 5	345 114 851 5	347 114 851 5	346 114 851 5
				20 m	345 115 522 0	345 114 852 0	347 114 852 0	346 114 852 0

Our hose assemblies are durably marked on the crimp in accordance with EN 853 / EN 856 / EN 855.

Symbols \varnothing diameter DN nominal diameter P pressure °C temperature ↔ length TYP type

High pressure hoses with *wrapped* cover and *smooth* cover



Hoses with single wire braid and *wrapped* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1SN	6	210 bar	150 °C	10 m	331 100 610	331 120 610	331 100 610 7	331 120 610 7	331 101 610	331 121 610	331 110 610	331 111 610
					331 100 615	331 120 615	331 100 615 7	331 120 615 7	331 101 615	331 121 615	331 110 615	331 111 615
					331 100 620	331 120 620	331 100 620 7	331 120 620 7	331 101 620	331 121 620	331 110 620	331 111 620
1SN	8	210 bar	150 °C	10 m	341 100 610	341 120 610	341 100 610 7	341 120 610 7	341 101 610	341 121 610	341 110 610	341 111 610
					341 100 615	341 120 615	341 100 615 7	341 120 615 7	341 101 615	341 121 615	341 110 615	341 111 615
					341 100 620	341 120 620	341 100 620 7	341 120 620 7	341 101 620	341 121 620	341 110 620	341 111 620
1SN	10	210 bar	150 °C	10 m	351 100 610	351 120 610	351 100 610 7	351 120 610 7	351 101 610	351 121 610		
					351 100 615	351 120 615	351 100 615 7	351 120 615 7	351 101 615	351 121 615		
					351 100 620	351 120 620	351 100 620 7	351 120 620 7	351 101 620	351 121 620		

Hoses with single wire braid and *wrapped* thick cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1ST	8	210 bar	150 °C	10 m	341 200 610	341 220 610	341 200 610 7	341 220 610 7	341 201 610	341 221 610	341 210 610	341 211 610
					341 200 615	341 220 615	341 200 615 7	341 220 615 7	341 201 615	341 221 615	341 210 615	341 211 615
					341 200 620	341 220 620	341 200 620 7	341 220 620 7	341 201 620	341 221 620	341 210 620	341 211 620
1ST	10	210 bar	150 °C	10 m	351 200 610	351 220 610	351 200 610 7	351 220 610 7	351 201 610	351 221 610		
					351 200 615	351 220 615	351 200 615 7	351 220 615 7	351 201 615	351 221 615		
					351 200 620	351 220 620	351 200 620 7	351 220 620 7	351 201 620	351 221 620		

Hoses with double wire braid and *wrapped* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SC	8	400 bar	150 °C	10 m	346 100 610	346 120 610	346 100 610 7	346 120 610 7	346 101 610	346 121 610	346 110 610	346 111 610
					346 100 615	346 120 615	346 100 615 7	346 120 615 7	346 101 615	346 121 615	346 110 615	346 111 615
					346 100 620	346 120 620	346 100 620 7	346 120 620 7	346 101 620	346 121 620	346 110 620	346 111 620
2SC	10	400 bar	150 °C	10 m	356 100 610	356 120 610	356 100 610 7	356 120 610 7	356 101 610	356 121 610		
					356 100 615	356 120 615	356 100 615 7	356 120 615 7	356 101 615	356 121 615		
					356 100 620	356 120 620	356 100 620 7	356 120 620 7	356 101 620	356 121 620		

Hoses with single wire braid and *smooth* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1SN	10	210 bar	150 °C	10 m	351 600 610	351 620 610	351 600 610 7	351 620 610 7	351 601 610	351 621 610		
					351 600 615	351 620 615	351 600 615 7	351 620 615 7	351 601 615	351 621 615		
					351 600 620	351 620 620	351 600 620 7	351 620 620 7	351 601 620	351 621 620		

Hoses with double wire braid and *smooth* cover

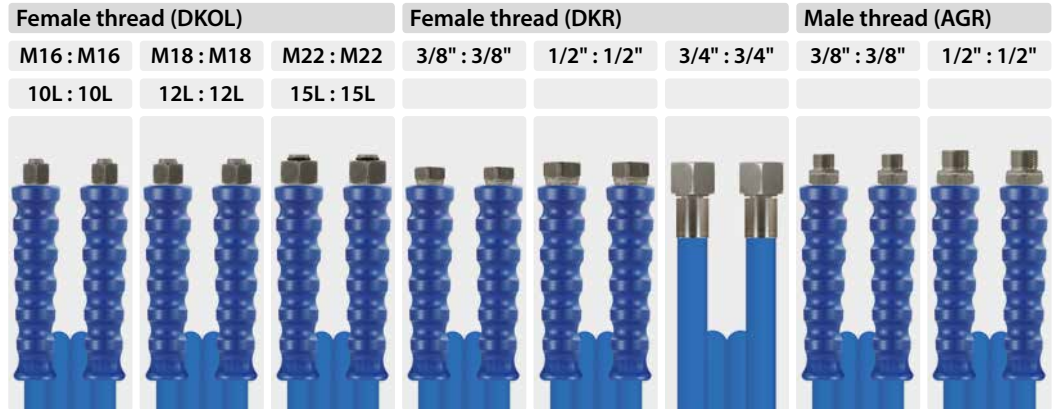
TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SN	8	400 bar	150 °C	10 m	346 600 610	346 620 610	346 600 610 7	346 620 610 7	346 601 610	346 621 610	346 610 610	346 611 610
					346 600 615	346 620 615	346 600 615 7	346 620 615 7	346 601 615	346 621 615	346 610 615	346 611 615
					346 600 620	346 620 620	346 600 620 7	346 620 620 7	346 601 620	346 621 620	346 610 620	346 611 620
2SN	10	400 bar	150 °C	10 m	356 600 610	356 620 610	356 600 610 7	356 620 610 7	356 601 610	356 621 610		
					356 600 615	356 620 615	356 600 615 7	356 620 615 7	356 601 615	356 621 615		
					356 600 620	356 620 620	356 600 620 7	356 620 620 7	356 601 620	356 621 620		

* not to be used for patented Kärcher guns.

All fittings are made out of zinc-plated steel. The hoses are also available with stainless steel fittings.

Please be so kind as to state the following on your order: R+M Nr. plus number:

7 = plug and crimp stainless steel 8 = plug stainless steel 9 = plug, crimp and connection stainless steel

High pressure hoses with *wrapped cover*Hoses with single wire braid and *wrapped cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1SN	6	210	150 °C	10 m	331 174 610	331 176 610			331 156 610		331 144 610	
				15 m	331 174 615	331 176 615		331 154 615	331 156 615	331 144 615		
				20 m	331 174 620	331 176 620		331 154 620	331 156 620	331 144 620		
1SN	8	210	150 °C	10 m	341 174 610	341 176 610					341 144 610	
				15 m	341 174 615	341 176 615		341 154 615		341 144 615		
				20 m	341 174 620	341 176 620		341 154 620		341 144 620		
1SN	10	210	150 °C	10 m		351 176 610		351 154 610	351 156 610		351 144 610	351 146 610
				15 m		351 176 615		351 154 615	351 156 615		351 144 615	351 146 615
				20 m		351 176 620		351 154 620	351 156 620		351 144 620	351 146 620
1SN	12	180	150 °C	10 m			361 100 610		361 156 610			361 146 610
				15 m			361 100 615		361 156 615			361 146 615
				20 m			361 100 620		361 156 620			361 146 620
1SN	16	130	150 °C	20 m						371 158 020		
				25 m						371 158 025		
				30 m						371 158 030		

Hoses with single wire braid and *wrapped thick cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	
1ST	8	210	150 °C	10 m	341 274 610	341 276 610		341 254 610			341 244 610	
				15 m	341 274 615	341 276 615		341 254 615		341 244 615		
				20 m	341 274 620	341 276 620		341 254 620		341 244 620		
1ST	10	210	150 °C	10 m		351 276 610		351 254 610	351 256 610		351 244 610	351 246 610
				15 m		351 276 615		351 254 615	351 256 615		351 244 615	351 246 615
				20 m		351 276 620		351 254 620	351 256 620		351 244 620	351 246 620
1ST	12	180	150 °C	10 m			361 200 610		361 256 610			361 246 610
				15 m			361 200 615		361 256 615			361 246 615
				20 m			361 200 620		361 256 620			361 246 620

Hoses with double wire braid and *wrapped cover*.

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	
2SC	8	400	150 °C	10 m	346 174 610	346 176 610		346 154 610			346 144 610	
				15 m	346 174 615	346 176 615		346 154 615		346 144 615		
				20 m	346 174 620	346 176 620		346 154 620		346 144 620		
2SC	10	400	150 °C	10 m		356 176 610		356 154 610	356 156 610		356 144 610	356 146 610
				15 m		356 176 615		356 154 615	356 156 615		356 144 615	356 146 615
				20 m		356 176 620		356 154 620	356 156 620		356 144 620	356 146 620
2SC	12	300	150 °C	10 m			366 100 610		366 156 610			366 146 610
				15 m			366 100 615		366 156 615			366 146 615
				20 m			366 100 620		366 156 620			366 146 620

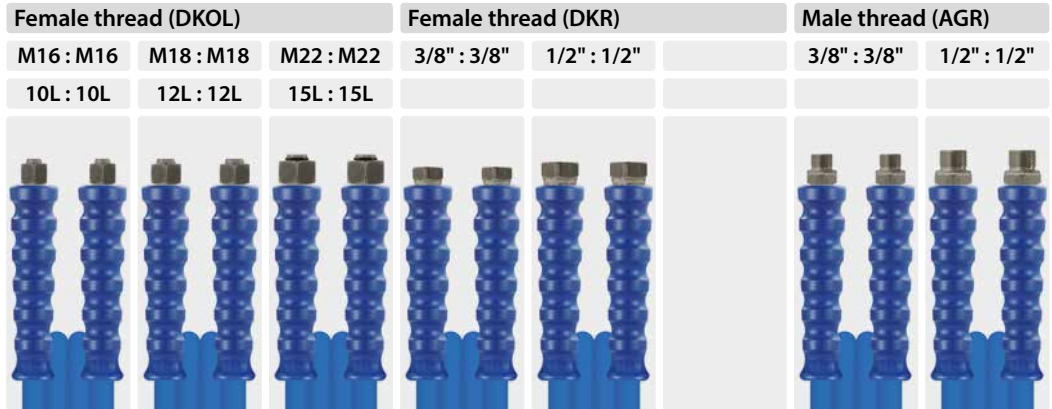
All fittings are made out of zinc-plated steel. The hoses are also available with stainless steel fittings.

Please be so kind as to state the following on your order: R+M Nr. plus number:

7 = plug and crimp stainless steel 8 = plug stainless steel 9 = plug, crimp and connection stainless steel

Symbols \varnothing diameter DN nominal diameter P pressure °C temperature ↔ length TYP type

High pressure hoses with *smooth cover*



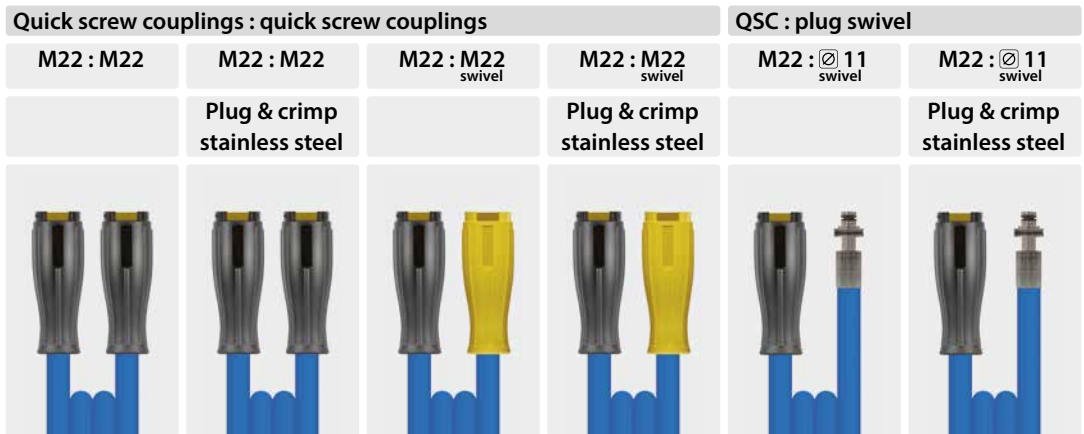
Hoses with single wire braid and *smooth cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1SN	10	210 bar	150 °C	10 m		351 676 610		351 654 610				351 646 610
						351 676 615		351 654 615			351 646 615	
						351 676 620		351 654 620			351 646 620	
1SN	12	180 bar	150 °C	10 m		361 668 610		361 656 610				361 646 610
						361 668 615		361 656 615			361 646 615	
						361 668 620		361 656 620			361 646 620	

Hoses with double wire braid and *smooth cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SN	8	400 bar	150 °C	10 m	346 674 610	346 676 610		346 654 610			346 644 610	
					346 674 615	346 676 615		346 654 615			346 644 615	
					346 674 620	346 676 620		346 654 620			346 644 620	
2SN	10	400 bar	150 °C	10 m		356 676 610		356 654 610	356 656 610		356 644 610	356 646 610
						356 676 615		356 654 615	356 656 615		356 644 615	356 646 615
						356 676 620		356 654 620	356 656 620		356 644 620	356 646 620

High pressure hoses with *smooth cover*



Hoses with single wire braid and *smooth cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	
1SN	10	210 bar	150 °C	10 m	351 600 321 0	351 600 321 07	351 601 121 0	351 601 121 07			
						351 600 321 5	351 600 321 57	351 601 121 5	351 601 121 57		
						351 600 322 0	351 600 322 07	351 601 122 0	351 601 122 07		

Hoses with double wire braid and *smooth cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SN	8	400 bar	150 °C	10 m	346 600 321 0	346 600 321 07	346 601 121 0	346 601 121 07	346 611 321 0	346 611 321 07
					346 600 321 5	346 600 321 57	346 601 121 5	346 601 121 57	346 611 321 5	346 611 321 57
					346 600 322 0	346 600 322 07	346 601 122 0	346 601 122 07	346 611 322 0	346 611 322 07
2SN	10	400 bar	150 °C	10 m	356 600 321 0	356 600 321 07				
					356 600 321 5	356 600 321 57				
					356 600 322 0	356 600 322 07				

Our hose assemblies are durably marked on the crimp in accordance with EN 853 / EN 856 / EN 855.

High pressure hoses with *wrapped* cover

Female thread (DKOL)		Female thread (DKR)		Male thread (AGR)			
M16 : M16	M18 : M18	3/8" : 3/8"	1/2" : 1/2"	3/8" : 3/8"	1/2" : 1/2"		
10L : 10L	12L : 12L						

Hoses with single wire braid and *wrapped* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1SN	6	210 bar	150 °C	10 m	332 174 510	332 176 510	332 154 510		332 144 510			
				15 m	332 174 515	332 176 515	332 154 515		332 144 515			
				20 m	332 174 520	332 176 520	332 154 520		332 144 520			
1SN	8	210 bar	150 °C	10 m	342 174 510	342 176 510	342 154 510		342 144 510			
				15 m	342 174 515	342 176 515	342 154 515		342 144 515			
				20 m	342 174 520	342 176 520	342 154 520		342 144 520			
1SN	10	210 bar	150 °C	10 m		352 176 510	352 154 510	352 156 510	352 144 510	352 146 510		
				15 m		352 176 515	352 154 515	352 156 515	352 144 515	352 146 515		
				20 m		352 176 520	352 154 520	352 156 520	352 144 520	352 146 520		

Hoses with double wire braid and *wrapped* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SC	8	400 bar	150 °C	10 m	347 174 510	347 176 510	347 154 510		347 144 510			
				15 m	347 174 515	347 176 515	347 154 515		347 144 515			
				20 m	347 174 520	347 176 520	347 154 520		347 144 520			
2SC	10	400 bar	150 °C	10 m		357 176 510	357 154 510	357 156 510	357 144 510	357 146 510		
				15 m		357 176 515	357 154 515	357 156 515	357 144 515	357 146 515		
				20 m		357 176 520	357 154 520	357 156 520	357 144 520	357 146 520		

High pressure hoses with *smooth* cover

Female thread (DKOL)		Female thread (DKR)		Male thread (AGR)			
M16 : M16	M18 : M18	3/8" : 3/8"	1/2" : 1/2"	3/8" : 3/8"	1/2" : 1/2"		
10L : 10L	12L : 12L						

Hoses with double wire braid and smooth cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SN	8	400 bar	150 °C	10 m	347 674 510	347 676 510	347 654 510		347 644 510			
				15 m	347 674 515	347 676 515	347 654 515		347 644 515			
				20 m	347 674 520	347 676 520	347 654 520		347 644 520			
2SN	10	400 bar	150 °C	10 m		357 676 510	357 654 510	357 656 510	357 644 510	357 646 510		
				15 m		357 676 515	357 654 515	357 656 515	357 644 515	357 646 515		
				20 m		357 676 520	357 654 520	357 656 520	357 644 520	357 646 520		

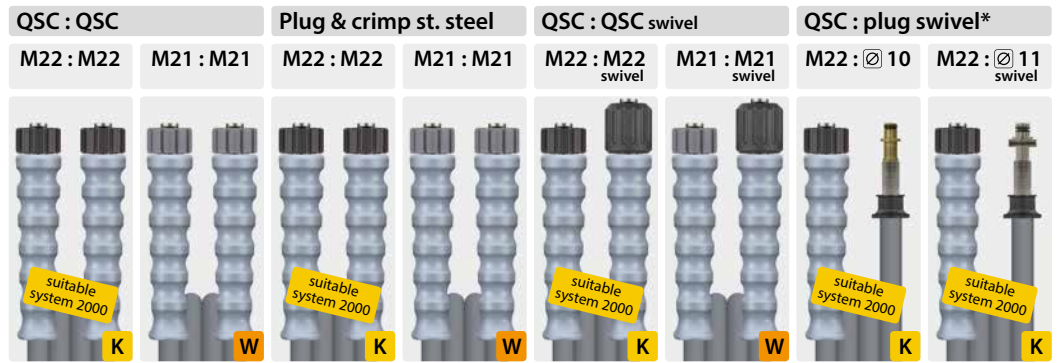
Our hose assemblies are durably marked on the crimp in accordance with EN 853 / EN 856 / EN 855.

All fittings are made out of zinc-plated steel. The hoses are also available with stainless steel fittings.

Please be so kind as to state the following on your order: R+M Nr. plus number:

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High pressure hoses with *wrapped cover*



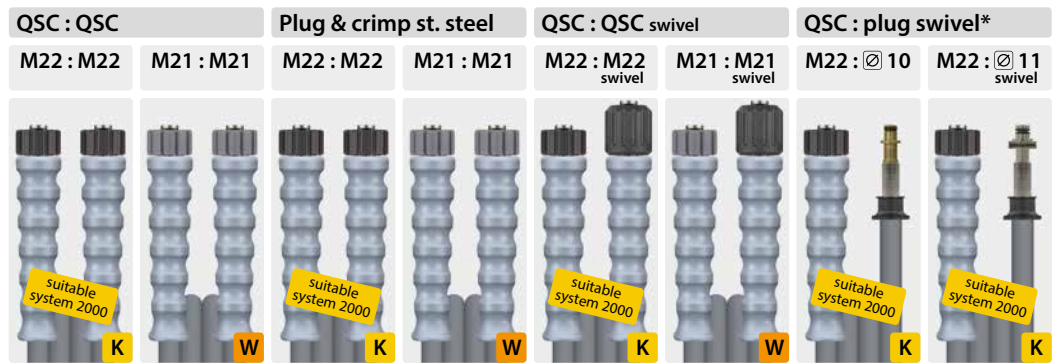
Hoses with single wire braid and *wrapped cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1SN	6	210 bar	150 °C	10 m	332 100 510	332 120 510	332 100 510 7	332 120 510 7	332 101 510	332 121 510	332 110 510	332 111 510
				15 m	332 100 515	332 120 515	332 100 515 7	332 120 515 7	332 101 515	332 121 515	332 110 515	332 111 515
				20 m	332 100 520	332 120 520	332 100 520 7	332 120 520 7	332 101 520	332 121 520	332 110 520	332 111 520
1SN	8	210 bar	150 °C	10 m	342 100 510	342 120 510	342 100 510 7	342 120 510 7	342 101 510	342 121 510	342 110 510	342 111 510
				15 m	342 100 515	342 120 515	342 100 515 7	342 120 515 7	342 101 515	342 121 515	342 110 515	342 111 515
				20 m	342 100 520	342 120 520	342 100 520 7	342 120 520 7	342 101 520	342 121 520	342 110 520	342 111 520
1SN	10	210 bar	150 °C	10 m	352 100 510	352 120 510	352 100 510 7	352 120 510 7	352 101 510	352 121 510		
				15 m	352 100 515	352 120 515	352 100 515 7	352 120 515 7	352 101 515	352 121 515		
				20 m	352 100 520	352 120 520	352 100 520 7	352 120 520 7	352 101 520	352 121 520		

Hoses with double wire braid and *wrapped cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SC	8	400 bar	150 °C	10 m	347 100 510	347 120 510	347 100 510 7	347 120 510 7	347 101 510	347 121 510	347 110 510	347 111 510
				15 m	347 100 515	347 120 515	347 100 515 7	347 120 515 7	347 101 515	347 121 515	347 110 515	347 111 515
				20 m	347 100 520	347 120 520	347 100 520 7	347 120 520 7	347 101 520	347 121 520	347 110 520	347 111 520
2SC	10	400 bar	150 °C	10 m	357 100 510	357 120 510	357 100 510 7	357 120 510 7	357 101 510	357 121 510		
				15 m	357 100 515	357 120 515	357 100 515 7	357 120 515 7	357 101 515	357 121 515		
				20 m	357 100 520	357 120 520	357 100 520 7	357 120 520 7	357 101 520	357 121 520		

High pressure hoses with *smooth cover*









Hoses with double wire braid and *smooth cover*

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SN	8	400 bar	150 °C	10 m	347 600 510	347 620 510	347 600 510 7	347 620 510 7	347 601 510	347 621 510	347 610 510	347 611 510
				15 m	347 600 515	347 620 515	347 600 515 7	347 620 515 7	347 601 515	347 621 515	347 610 515	347 611 515
				20 m	347 600 520	347 620 520	347 600 520 7	347 620 520 7	347 601 520	347 621 520	347 610 520	347 611 520
2SN	10	400 bar	150 °C	10 m	357 600 510	357 620 510	357 600 510 7	357 620 510 7	357 601 510	357 621 510		
				15 m	357 600 515	357 620 515	357 600 515 7	357 620 515 7	357 601 515	357 621 515		
				20 m	357 600 520	357 620 520	357 600 520 7	357 620 520 7	357 601 520	357 621 520		

* not to be used for patented Kärcher guns.

Symbols ⊘ diameter DN nominal diameter P pressure °C temperature ↔ length TYP type

High pressure hoses with *smooth* cover

Quick screw couplings : quick screw couplings				QSC : plug swivel	
M22 : M22	M22 : M22	M22 : M22 swivel	M22 : M22 swivel	M22 : \varnothing 11 swivel	M22 : \varnothing 11 swivel
	Plug & crimp stainless steel		Plug & crimp stainless steel		Plug & crimp stainless steel
					

Hoses with double wire braid and *smooth* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SN	8	400 bar	150 °C	10 m	347 600 321 0	347 600 321 07	347 601 121 0	347 601 121 07	347 611 321 0	347 611 321 07
				15 m	347 600 321 5	347 600 321 57	347 601 121 5	347 601 121 57	347 611 321 5	347 611 321 57
				20 m	347 600 322 0	347 600 322 07	347 601 122 0	347 601 122 07	347 611 322 0	347 611 322 07
2SN	10	400 bar	150 °C	10 m	357 600 321 0	357 600 321 07				
				15 m	357 600 321 5	357 600 321 57				
				20 m	357 600 322 0	357 600 322 07				

Our hose assemblies are durably marked on the crimp in accordance with EN 853 / EN 856 / EN 855.

All fittings are made out of zinc-plated steel. The hoses are also available with stainless steel fittings.

Please be so kind as to state the following on your order: R+M Nr. plus number:

7 = plug and crimp stainless steel 8 = plug stainless steel 9 = plug, crimp and connection stainless steel

Hobby high pressure hoses

Quick screw coupling : male thread / plug

f thread

m thread



Hoses with single wire braid and *smooth* cover

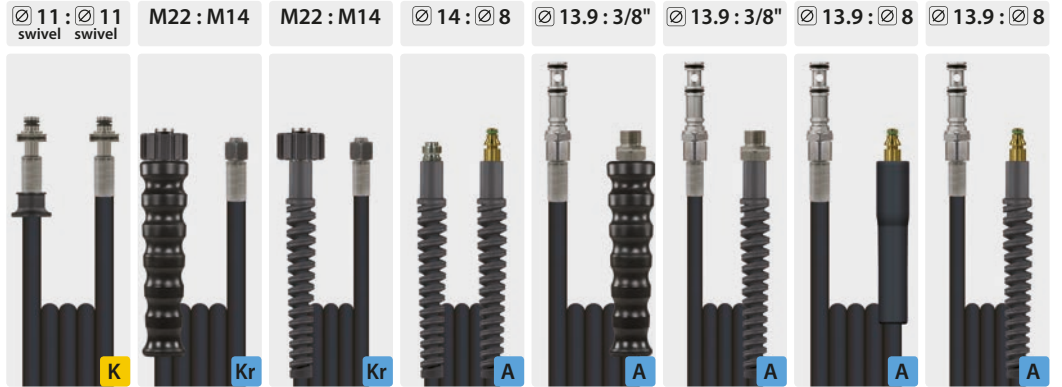
TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
Flexy	6	300 bar	100 °C	8 m	390 033 208	390 028 208		390 000 208	390 010 520 8	390 010 420 8		
				9 m		390 028 209	390 010 209	390 010 520 9	390 010 420 9			
				10 m	390 033 210	390 028 210	390 010 210	390 000 210	390 010 521 0	390 010 421 0		
				15 m	390 033 215	390 028 215	390 010 215	390 000 215	390 010 521 5	390 010 421 5		
				20 m	390 033 220	390 028 220	390 010 220	390 000 220	390 010 522 0	390 010 422 0		

Plastic hoses with single fabric braid

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
Polya	6	160 bar	60 °C	8 m	460 033 208	460 028 208	460 010 208	460 000 208	460 010 520 8	460 010 420 8	460 052 208	460 042 208
				9 m		460 028 209	460 010 209	460 010 520 9	460 010 420 9			
				10 m	460 033 210	460 028 210	460 010 210	460 000 210	460 010 521 0	460 010 421 0	460 052 210	460 042 210
				15 m	460 033 215	460 028 215	460 010 215	460 000 215	460 010 521 5	460 010 421 5	460 052 215	460 042 215
				20 m			460 000 220	460 010 522 0	460 010 422 0			

Symbols \varnothing diameter DN nominal diameter P pressure °C temperature ↔ length TYP type

High pressure hoses for hose reels



Hoses with single wire braid and smooth cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
Flexy	6	300 bar	100 °C	10 m	390 036 815		390 007 815	390 035 210		390 010 081 5		390 010 281 0
				15 m								390 010 281 5

Hoses with single wire braid and wrapped cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1SN	6	210 bar	150 °C	10 m							330 110 281 0	
				15 m	330 136 815	330 107 815			330 110 081 5		330 110 281 5	
2SC	6	400 bar	150 °C	10 m	335 136 810							
				15 m	335 136 815							
				20 m	335 136 820							
2SC	8	400 bar	150 °C	10 m	345 136 810							
				15 m	345 136 815							
				20 m	345 136 820							



Hoses with single wire braid and wrapped cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.
1 SN	6	210 bar	150 °C	15 m	330 113 381 5		1SN	8	210 bar	150 °C	20 m	340 100 820 1	
1 SN	8	210 bar	150 °C	15 m	340 113 381 5						30 m	340 100 830 1	
							2 SC	8	400 bar	150 °C	20 m	345 100 820 1	346 100 820 1
											30 m	345 100 830 1	
											40 m	345 100 840 1	

Hose with single wire braid and smooth cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.
flexy	6	300 bar	100 °C	15 m	390 013 381 5	
1 SN	8	250 bar	150 °C	15 m		340 601 815 1
1 SN	8	250 bar	150 °C	20 m		340 601 820 1
2 SN	8	400 bar	150 °C	15 m		345 601 815 1
2 SN	8	400 bar	150 °C	20 m		345 601 820 1

Our hose assemblies are durably marked on the crimp in accordance with EN 853 / EN 856 / EN 855.

Symbols ∅ diameter DN nominal diameter P pressure °C temperature ↔ length TYP type

CARWASH COMFORT - the new hose wonder in self-service washing bays

The original





















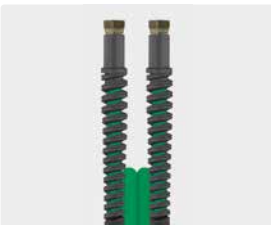
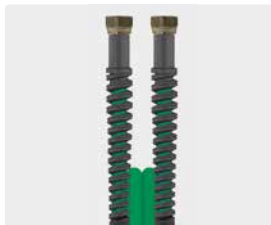
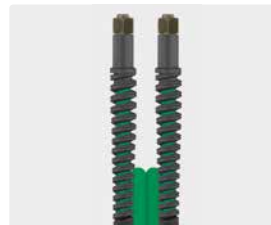









- » High standard of easy and comfortable use in combination with spraying equipment, e.g. brush lance
- » Light weight, 92 g/m at DN 6. More than half in weight in comparison to an usual self-service hose
- » Chemically resistant, smooth interior made out of PES
- » Transparent surface made out of a thermoplastic elastomer, depending on colour: CCBL, CCRT, CCGR, CCGE, CCGN
- » Oil-, UV-, ozone-resistant and weatherproof
- » Flexible in case of low temperatures: -40 °C – +60 °C, -40 °F – +140 °F

- » High-tensile polyester reinforcing, working pressure of up to 200 bar with a fourfold guarantee that the hose does not burst
- » Outer diameter 12 mm at DN 6
- » Burst pressure > 800 bar

1/4" : 1/4"		3/8" : 3/8"		M14 : M14		M18 : M18		3/8" : 3/8"	
Female thread (DKR)		Female thread (DKR)		Female thread (DKOL)		Female thread (DKOL)		Male thread (AGR)	
R+M Nr.	↔	R+M Nr.	↔	R+M Nr.	↔	R+M Nr.	↔	R+M Nr.	↔
461 052 603 5	3.5 m	461 054 603 5	3.5 m	461 072 603 5	3.5 m	461 076 603 5	3.5 m	461 044 603 5	3.5 m
461 052 603 7	3.7 m	461 054 603 7	3.7 m	461 072 603 7	3.7 m	461 076 603 7	3.7 m	461 044 603 7	3.7 m
461 052 604	4.0 m	461 054 604	4.0 m	461 072 604	4.0 m	461 076 604	4.0 m	461 044 604	4.0 m
461 052 604 2	4.2 m	461 054 604 2	4.2 m	461 072 604 2	4.2 m	461 076 604 2	4.2 m	461 044 604 2	4.2 m
461 052 604 5	4.5 m	461 054 604 5	4.5 m	461 072 604 5	4.5 m	461 076 604 5	4.5 m	461 044 604 5	4.5 m
461 052 604 7	4.7 m	461 054 604 7	4.7 m	461 072 604 7	4.7 m	461 076 604 7	4.7 m	461 044 604 7	4.7 m
461 052 605	5.0 m	461 054 605	5.0 m	461 072 605	5.0 m	461 076 605	5.0 m	461 044 605	5.0 m
461 052 605 5	5.5 m	461 054 605 5	5.5 m	461 072 605 5	5.5 m	461 076 605 5	5.5 m	461 044 605 5	5.5 m
461 052 606	6.0 m	461 054 606	6.0 m	461 072 606	6.0 m	461 076 606	6.0 m	461 044 606	6.0 m
Female thread (DKR)		Female thread (DKR)		Female thread (DKOL)		Female thread (DKOL)		Male thread (AGR)	
R+M Nr.	↔	R+M Nr.	↔	R+M Nr.	↔	R+M Nr.	↔	R+M Nr.	↔
462 052 303 5	3.5 m	462 054 303 5	3.5 m	462 072 303 5	3.5 m	462 076 303 5	3.5 m	462 044 303 5	3.5 m
462 052 303 7	3.7 m	462 054 303 7	3.7 m	462 072 303 7	3.7 m	462 076 303 7	3.7 m	462 044 303 7	3.7 m
462 052 304	4.0 m	462 054 304	4.0 m	462 072 304	4.0 m	462 076 304	4.0 m	462 044 304	4.0 m
462 052 304 2	4.2 m	462 054 304 2	4.2 m	462 072 304 2	4.2 m	462 076 304 2	4.2 m	462 044 304 2	4.2 m
462 052 304 5	4.5 m	462 054 304 5	4.5 m	462 072 304 5	4.5 m	462 076 304 5	4.5 m	462 044 304 5	4.5 m
462 052 304 7	4.7 m	462 054 304 7	4.7 m	462 072 304 7	4.7 m	462 076 304 7	4.7 m	462 044 304 7	4.7 m
462 052 305	5.0 m	462 054 305	5.0 m	462 072 305	5.0 m	462 076 305	5.0 m	462 044 305	5.0 m
462 052 305 5	5.5 m	462 054 305 5	5.5 m	462 072 305 5	5.5 m	462 076 305 5	5.5 m	462 044 305 5	5.5 m
462 052 306	6.0 m	462 054 306	6.0 m	462 072 306	6.0 m	462 076 306	6.0 m	462 044 306	6.0 m






CARWASH COMFORT - the new hose wonder in self-service washing bays

1/4" : 1/4"		3/8" : 3/8"		M14 : M14		M18 : M18		3/8" : 3/8"	
									
Female thread (DKR)		Female thread (DKR)		Female thread (DKOL)		Female thread (DKOL)		Male thread (AGR)	
R+M Nr.		R+M Nr.		R+M Nr.		R+M Nr.		R+M Nr.	
463 052 303 5	3.5 m	463 054 303 5	3.5 m	463 072 303 5	3.5 m	463 076 303 5	3.5 m	463 044 303 5	3.5 m
463 052 303 7	3.7 m	463 054 303 7	3.7 m	463 072 303 7	3.7 m	463 076 303 7	3.7 m	463 044 303 7	3.7 m
463 052 304	4.0 m	463 054 304	4.0 m	463 072 304	4.0 m	463 076 304	4.0 m	463 044 304	4.0 m
463 052 304 2	4.2 m	463 054 304 2	4.2 m	463 072 304 2	4.2 m	463 076 304 2	4.2 m	463 044 304 2	4.2 m
463 052 304 5	4.5 m	463 054 304 5	4.5 m	463 072 304 5	4.5 m	463 076 304 5	4.5 m	463 044 304 5	4.5 m
463 052 304 7	4.7 m	463 054 304 7	4.7 m	463 072 304 7	4.7 m	463 076 304 7	4.7 m	463 044 304 7	4.7 m
463 052 305	5.0 m	463 054 305	5.0 m	463 072 305	5.0 m	463 076 305	5.0 m	463 044 305	5.0 m
463 052 305 5	5.5 m	463 054 305 5	5.5 m	463 072 305 5	5.5 m	463 076 305 5	5.5 m	463 044 305 5	5.5 m
463 052 306	6.0 m	463 054 306	6.0 m	463 072 306	6.0 m	463 076 306	6.0 m	463 044 306	6.0 m
									
Female thread (DKR)		Female thread (DKR)		Female thread (DKOL)		Female thread (DKOL)		Male thread (AGR)	
R+M Nr.		R+M Nr.		R+M Nr.		R+M Nr.		R+M Nr.	
464 052 303 5	3.5 m	464 054 303 5	3.5 m	464 072 303 5	3.5 m	464 076 303 5	3.5 m	464 044 303 5	3.5 m
464 052 303 7	3.7 m	464 054 303 7	3.7 m	464 072 303 7	3.7 m	464 076 303 7	3.7 m	464 044 303 7	3.7 m
464 052 304	4.0 m	464 054 304	4.0 m	464 072 304	4.0 m	464 076 304	4.0 m	464 044 304	4.0 m
464 052 304 2	4.2 m	464 054 304 2	4.2 m	464 072 304 2	4.2 m	464 076 304 2	4.2 m	464 044 304 2	4.2 m
464 052 304 5	4.5 m	464 054 304 5	4.5 m	464 072 304 5	4.5 m	464 076 304 5	4.5 m	464 044 304 5	4.5 m
464 052 304 7	4.7 m	464 054 304 7	4.7 m	464 072 304 7	4.7 m	464 076 304 7	4.7 m	464 044 304 7	4.7 m
464 052 305	5.0 m	464 054 305	5.0 m	464 072 305	5.0 m	464 076 305	5.0 m	464 044 305	5.0 m
464 052 305 5	5.5 m	464 054 305 5	5.5 m	464 072 305 5	5.5 m	464 076 305 5	5.5 m	464 044 305 5	5.5 m
464 052 306	6.0 m	464 054 306	6.0 m	464 072 306	6.0 m	464 076 306	6.0 m	464 044 306	6.0 m
									
Female thread (DKR)		Female thread (DKR)		Female thread (DKOL)		Female thread (DKOL)		Male thread (AGR)	
R+M Nr.		R+M Nr.		R+M Nr.		R+M Nr.		R+M Nr.	
465 052 303 5	3.5 m	465 054 303 5	3.5 m	465 072 303 5	3.5 m	465 076 303 5	3.5 m	465 044 303 5	3.5 m
465 052 303 7	3.7 m	465 054 303 7	3.7 m	465 072 303 7	3.7 m	465 076 303 7	3.7 m	465 044 303 7	3.7 m
465 052 304	4.0 m	465 054 304	4.0 m	465 072 304	4.0 m	465 076 304	4.0 m	465 044 304	4.0 m
465 052 304 2	4.2 m	465 054 304 2	4.2 m	465 072 304 2	4.2 m	465 076 304 2	4.2 m	465 044 304 2	4.2 m
465 052 304 5	4.5 m	465 054 304 5	4.5 m	465 072 304 5	4.5 m	465 076 304 5	4.5 m	465 044 304 5	4.5 m
465 052 304 7	4.7 m	465 054 304 7	4.7 m	465 072 304 7	4.7 m	465 076 304 7	4.7 m	465 044 304 7	4.7 m
465 052 305	5.0 m	465 054 305	5.0 m	465 072 305	5.0 m	465 076 305	5.0 m	465 044 305	5.0 m
465 052 305 5	5.5 m	465 054 305 5	5.5 m	465 072 305 5	5.5 m	465 076 305 5	5.5 m	465 044 305 5	5.5 m
465 052 306	6.0 m	465 054 306	6.0 m	465 072 306	6.0 m	465 076 306	6.0 m	465 044 306	6.0 m

Symbols  length  diameter






CARWASH COMFORT - you are invited to experience our blue hose wonder in DN 8!

High-tensile polyester reinforcing, working pressure of up to 200 bar. DN 8. -40 °C – +60 °C, -40 °F – +140 °F

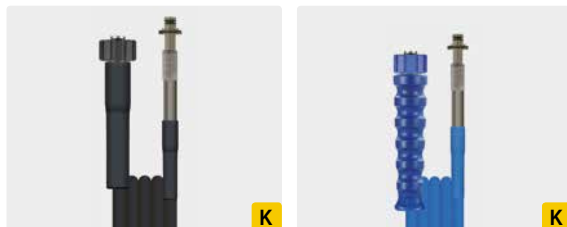
1/4" : 1/4"		3/8" : 3/8"		M14 : M14		M18 : M18		3/8" : 3/8"	
									
Female thread (DKR)		Female thread (DKR)		Female thread (DKOL)		Female thread (DKOL)		Male thread (AGR)	
R+M Nr.	↔	R+M Nr.	↔	R+M Nr.	↔	R+M Nr.	↔	R+M Nr.	↔
471 052 603 5	3.5 m	471 054 603 5	3.5 m	471 072 603 5	3.5 m	471 076 603 5	3.5 m	471 044 603 5	3.5 m
471 052 603 7	3.7 m	471 054 603 7	3.7 m	471 072 603 7	3.7 m	471 076 603 7	3.7 m	471 044 603 7	3.7 m
471 052 604	4.0 m	471 054 604	4.0 m	471 072 604	4.0 m	471 076 604	4.0 m	471 044 604	4.0 m
471 052 604 2	4.2 m	471 054 604 2	4.2 m	471 072 604 2	4.2 m	471 076 604 2	4.2 m	471 044 604 2	4.2 m
471 052 604 5	4.5 m	471 054 604 5	4.5 m	471 072 604 5	4.5 m	471 076 604 5	4.5 m	471 044 604 5	4.5 m
471 052 604 7	4.7 m	471 054 604 7	4.7 m	471 072 604 7	4.7 m	471 076 604 7	4.7 m	471 044 604 7	4.7 m
471 052 605	5.0 m	471 054 605	5.0 m	471 072 605	5.0 m	471 076 605	5.0 m	471 044 605	5.0 m
471 052 605 5	5.5 m	471 054 605 5	5.5 m	471 072 605 5	5.5 m	471 076 605 5	5.5 m	471 044 605 5	5.5 m
471 052 606	6.0 m	471 054 606	6.0 m	471 072 606	6.0 m	471 076 606	6.0 m	471 044 606	6.0 m

High pressure hoses for self-service washing bays

Hoses with single wire braid and wrapped cover. 1SN. Nominal diameter 6. Max. 210 bar /150 °C

1/4" : 1/4"		3/8" : 3/8"		1/4" : 1/4"		M14 : M14		M14 : M14	
									
Female thread (DKR)		Female thread (DKR)		Female thread (DKR)		Female thread (DKOL) VA		Female thread (DKOL)	
R+M Nr.	↔	R+M Nr.	↔	R+M Nr.	↔	R+M Nr.	↔	R+M Nr.	↔
331 152 803 5	3.5 m	331 154 803 5	3.5 m	331 152 603 5	3.5 m	331 172 803 59	3.5 m	331 172 803 5	3.5 m
331 152 804 2	4.2 m	331 154 804 2	4.2 m	331 152 604	4.0 m	331 172 804 29	4.2 m	331 172 804	4.0 m
331 152 805	5.0 m	331 154 805	5.0 m	331 152 604 2	4.2 m	331 172 804 79	4.7 m		
				331 152 605 5	5.5 m			331 172 805	5.0 m

M22 : 10  swivel



QSC - swivel disc plug

QSC - swivel disc plug

R+M Nr.	↔	R+M Nr.	↔
330 117 303 5	3.5 m	331 117 303 5	3.5 m
330 117 304	4.0 m	331 117 304	4.0 m
330 117 304 2	4.2 m	331 117 304 2	4.2 m
		331 117 305	5.0 m
330 117 310	10.0 m	331 117 310	10.0 m

Further high pressure hoses suitable for self-service washing bays are available on request.

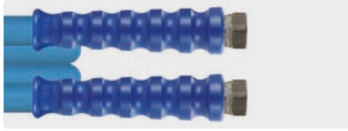
Foodjet - food hose with textile meshwork

Foodjet - high pressure hose according to DIN EN 854. Particularly resistant to animal and poultry fats

- » Field of application: cleaning hose designed for the poultry processing industry
- » Suitable for: oil, water, water-in-oil emulsion and water mixes with up to 50 % detergent

- » Surface synthetic rubber. Particularly abrasion-, oil-, ozone-resistant, weatherproof
- » Interior synthetic, oil-resistant rubber
- » 1 tight textile meshwork
- » Max. 80 bar. Burst pressure > 240 bar. -40 °C - +150 °C

Female thread DKR 1/2"



Fittings stainless steel

R+M Nr.	↔	
490 056 002 59	↔	2.5 m
490 056 010 9	↔	10.0 m
490 056 015 9	↔	15.0 m
490 056 020 9	↔	20.0 m
490 056 025 9	↔	25.0 m
490 056 030 9	↔	30.0 m
490 056 035 9	↔	35.0 m
490 056 040 9	↔	40.0 m

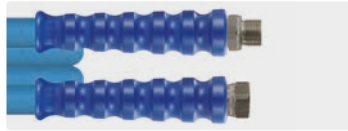
Male thread 1/2" (AGR)



Fittings stainless steel

R+M Nr.	↔	
490 046 002 59	↔	2.5 m
490 046 010 9	↔	10.0 m
490 046 015 9	↔	15.0 m
490 046 020 9	↔	20.0 m
490 046 025 9	↔	25.0 m
490 046 030 9	↔	30.0 m
490 046 035 9	↔	35.0 m
490 046 040 9	↔	40.0 m

Male thread (AGR) 1/2": DKR 1/2"



Fittings stainless steel

R+M Nr.	↔	
490 057 002 59	↔	2.5 m
490 057 610 9	↔	10.0 m
490 057 615 9	↔	15.0 m
490 057 620 9	↔	20.0 m
490 057 625 9	↔	25.0 m
490 057 630 9	↔	30.0 m
490 057 635 9	↔	35.0 m
490 057 640 9	↔	40.0 m

Foodjet per metre

DN 12	
R+M Nr.	↔
303 60	10 - 95 m

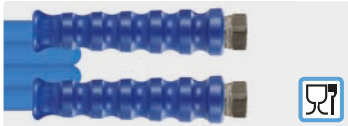
blufood® - food hose

blufood® - Food hose according to (EC)2002/72, (EU) 10/2011, (EG) 1935/2004 and (EG) 2023/2006. Designed for industrial foam applications

- » Field of application: foam hose and pre-spraying hose in the food industry. Suitable for contact with liquid food products
- » Suitable for water and water mixes of usual cleaning detergents
- » PVC hose with five layers and a smooth surface

- » Reinforcing by twofold textile meshwork
- » -20 °C - +70 °C

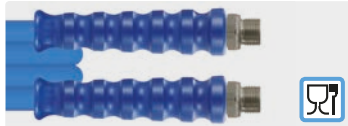
Female thread DKR 1/2"



Fittings stainless steel

R+M Nr.	↔	
475 056 602 59	↔	2.5 m
475 056 610 9	↔	10.0 m
475 056 615 9	↔	15.0 m
475 056 620 9	↔	20.0 m
475 056 625 9	↔	25.0 m
475 056 630 9	↔	30.0 m
475 056 635 9	↔	35.0 m
475 056 640 9	↔	40.0 m

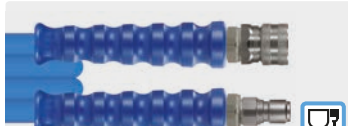
Male thread (AGR) 1/2"



Fittings stainless steel

R+M Nr.	↔	
475 046 602 59	↔	2.5 m
475 046 610 9	↔	10.0 m
475 046 615 9	↔	15.0 m
475 046 620 9	↔	20.0 m
475 046 625 9	↔	25.0 m
475 046 630 9	↔	30.0 m
475 046 635 9	↔	35.0 m
475 046 640 9	↔	40.0 m

ST-3100 Coupling : Plug



Coupling ST-3100 : plug ST-3100

R+M Nr.	↔	
475 012 262 09	↔	20 m
475 012 262 59	↔	25 m
475 012 263 09	↔	30 m

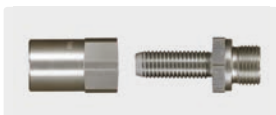
blufood® per metre

R+M Nr.	DN	↔	☒	P 20 °C	P 70 °C	BP 20 °C	☒
303 70	12	10 - 100 m	5	50 bar	30 bar	≥ 240 bar	0.32 kg
303 700 019	19	10 - 60 m	6	40 bar	15 bar	≥ 200 bar	0.61 kg

Made out of plastics intended to come into contact with foodstuffs according to Regulation (EC) No. 1935/2004. Especially designed for applications in the food industry.

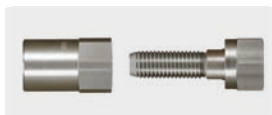


Screw fittings for blufood®



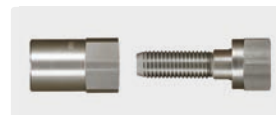
1/2" M with 60° cone. Stainless steel. Max. 50 bar

R+M Nr.	DN
329 012 129	12



1/2" F with 60° cone. Stainless steel. Max. 50 bar

R+M Nr.	DN
329 112 129	12



1/2" F. Stainless steel. Max. 50 bar. Flat sealing

R+M Nr.	DN
329 312 129	12

Fittings for blufood®



new Detachable fitting. 3/4" F. Stainless steel. Max. 50 bar

R+M Nr.	DN
574 734 009	19



new Hose barb 3/4" M. 60° cone. Stainless steel. Max. 50 bar

R+M Nr.	DN
711 341 909	19

Foodjet 1500 - food hose with textile meshwork

Foodjet 1500 - High pressure hose according to DIN EN 854. Particularly resistant to animal and poultry fats

- » Field of application: cleaning hose designed for the poultry processing industry
- » Suitable for: oil, water, water-in-oil emulsion and water mixes with up to 50 % detergent

- » Surface synthetic rubber. Particularly abrasion-, oil-, ozone-resistant and weatherproof.
- » Interior synthetic, oil-resistant rubber
- » 1 tight textile meshwork
- » Max. 125 bar. Burst pressure > 375 bar.
-40 °C - +150 °C

Female thread DKR

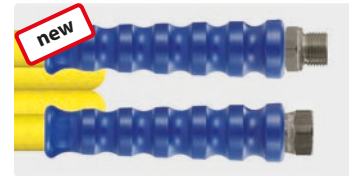
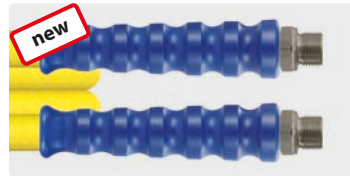
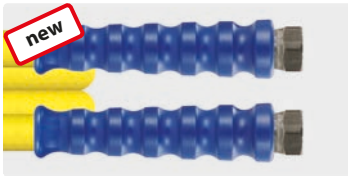
Male thread (AGR)

Male thread (AGR) : DKR

Foodjet 1500 per metre

1/2" : 1/2"

DN 12



R+M Nr.	
303 601 500	70 - 100 m

Fittings stainless steel

R+M Nr.	
490 445 660 259	2.5 m
490 445 661 09	10.0 m
490 445 661 59	15.0 m
490 445 662 09	20.0 m
490 445 662 59	25.0 m
490 445 663 09	30.0 m
490 445 663 59	35.0 m
490 445 664 09	40.0 m

Fittings stainless steel

R+M Nr.	
490 444 660 259	2.5 m
490 444 661 09	10.0 m
490 444 661 59	15.0 m
490 444 662 09	20.0 m
490 444 662 59	25.0 m
490 444 663 09	30.0 m
490 444 663 59	35.0 m
490 444 664 09	40.0 m

Fittings stainless steel

R+M Nr.	
490 445 760 259	2.5 m
490 445 761 09	10.0 m
490 445 761 59	15.0 m
490 445 762 09	20.0 m
490 445 762 59	25.0 m
490 445 763 09	30.0 m
490 445 763 59	35.0 m
490 445 764 09	40.0 m

Fittings zinc-plated steel

R+M Nr.	
490 445 660 25	2.5 m
490 445 661 0	10.0 m
490 445 661 5	15.0 m
490 445 662 0	20.0 m
490 445 662 5	25.0 m
490 445 663 0	30.0 m
490 445 663 5	35.0 m
490 445 664 0	40.0 m

Fittings zinc-plated steel

R+M Nr.	
490 444 660 25	2.5 m
490 444 661 0	10.0 m
490 444 661 5	15.0 m
490 444 662 0	20.0 m
490 444 662 5	25.0 m
490 444 663 0	30.0 m
490 444 663 5	35.0 m
490 444 664 0	40.0 m

Fittings zinc-plated steel

R+M Nr.	
490 445 760 25	2.5 m
490 445 761 0	10.0 m
490 445 761 5	15.0 m
490 445 762 0	20.0 m
490 445 762 5	25.0 m
490 445 763 0	30.0 m
490 445 763 5	35.0 m
490 445 764 0	40.0 m

PURClean365+® - food hose



PURClean365+® - Food hose according to (EG) 1935/2004, (EU) 10/2011 and (EG) 2023/2006. Designed for industrial foam applications

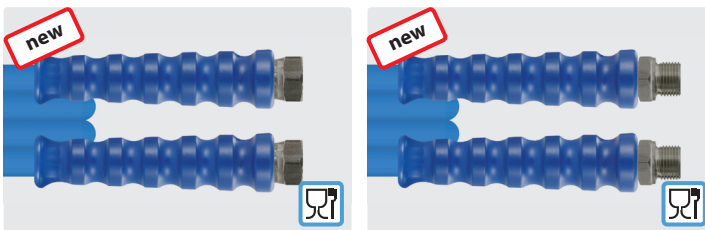
- » Field of application: foam hose and pre-spraying hose in the food industry. Suitable for contact with liquid food products
- » Suitable for water and water mixes of usual cleaning detergents

- » PVC hose with three layers and a smooth surface
- » Increased 1-layer rot-proof textile mesh.
- » **About 20 % lighter and more flexible than comparable hose types**

PURClean365+® 40

Female thread DKR Male thread (AGR)
1/2" : 1/2"

-20 °C - +70 °C. Fittings stainless steel



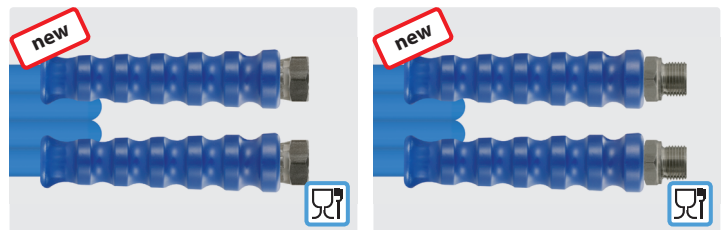
R+M Nr.	↔
476 056 602 59	2.5 m
476 056 610 9	10.0 m
476 056 615 9	15.0 m
476 056 620 9	20.0 m
476 056 625 9	25.0 m
476 056 630 9	30.0 m
476 056 635 9	35.0 m
476 056 640 9	40.0 m

R+M Nr.	↔
476 046 602 59	2.5 m
476 046 610 9	10.0 m
476 046 615 9	15.0 m
476 046 620 9	20.0 m
476 046 625 9	25.0 m
476 046 630 9	30.0 m
476 046 635 9	35.0 m
476 046 640 9	40.0 m

PURClean365+® 100

Female thread DKR Male thread (AGR)
1/2" : 1/2"

-20 °C - +100 °C. Fittings stainless steel



R+M Nr.	↔
477 056 602 59	2.5 m
477 056 610 9	10.0 m
477 056 615 9	15.0 m
477 056 620 9	20.0 m
477 056 625 9	25.0 m
477 056 630 9	30.0 m
477 056 635 9	35.0 m
477 056 640 9	40.0 m

R+M Nr.	↔
477 046 602 59	2.5 m
477 046 610 9	10.0 m
477 046 615 9	15.0 m
477 046 620 9	20.0 m
477 046 625 9	25.0 m
477 046 630 9	30.0 m
477 046 635 9	35.0 m
477 046 640 9	40.0 m

PURClean365+® 40 per metre

R+M Nr.	DN	↔	↗	P 20 °C	P 70 °C	BP 20 °C	⊘
303 660 40	12	10 - 100 m	4.5	100 bar	45 bar	≥ 250 bar	0.25 kg

PURClean365+® 100 per metre

R+M Nr.	DN	↔	↗	P 20 °C	P 100 °C	BP 20 °C	⊘
303 661 00	12	10 - 100 m	4.5	40 bar	18 bar	≥ 200 bar	0.25 kg

Screw fittings for PURClean365+®



1/2" M with 60° cone. Stainless steel.
Max. 50 bar

R+M Nr.	DN
329 412 129	12



1/2" F with 60° cone. Stainless steel.
Max. 50 bar

R+M Nr.	DN
329 512 129	12



1/2" F. Stainless steel. Max. 50 bar.
Flat sealing

R+M Nr.	DN
329 612 129	12

Symbols ↔ length DN nominal diameter P pressure ↗ wall thickness BP burst pressure ⊘ diameter TYP type

Galvanator - food hose

Interior synthetic rubber. Resistant to usual detergents. Very temperature-resistant. Double zinc-plated steel wire braid. Surface special synthetic rubber. **Resistant to poultry fats.** Non Marking (soot free). Field of application: poultry farms, slaughterhouses, fishing, bakeries etc. Not suitable for swimming baths, standard and industrial cleaning applications.

The advantages of the zinc-plated steel braids become obvious when effecting a salt water test. The Galvanator has been soaked in a 5 % salt water solution at 45 °C for 48 hours.



Quick screw couplings			QSC: QSC	Female thread (DKR)		M (AGR)
M22 : M22	M22 : M22	M22 : M22	M22 : M22 swivel	1/2" : 1/2"	1/2" : 1/2"	3/8" : 3/8"
Nipple & crimp VA	Stainless steel	Zinc-plated steel	Nipple & crimp VA	Stainless steel	Zinc-plated steel	Stainless steel

Hoses with double wire braid made out of zinc-plated steel and wrapped cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	
Galvanator	10	350 bar	121 °C	10 m	359 100 410 7	359 100 410 9	359 100 410	359 101 410 7	359 156 410 9	359 156 410	359 144 410 9	
					15 m	359 100 415 7	359 100 415 9	359 100 415	359 101 415 7	359 156 415 9	359 156 415	359 144 415 9
					20 m	359 100 420 7	359 100 420 9	359 100 420	359 101 420 7	359 156 420 9	359 156 420	359 144 420 9
					25 m	359 100 425 7	359 100 425 9	359 100 425	359 101 425 7	359 156 425 9	359 156 425	359 144 425 9
					30 m	359 100 430 7	359 100 430 9	359 100 430	359 101 430 7	359 156 430 9	359 156 430	359 144 430 9
				35 m	359 100 435 7	359 100 435 9	359 100 435	359 101 435 7	359 156 435 9	359 156 435	359 144 435 9	
					40 m	359 100 440 7	359 100 440 9	359 100 440	359 101 440 7	359 156 440 9	359 156 440	359 144 440 9

Food hoses

- » Interior synthetic rubber. Very temperature-resistant. Resistant to usual detergents.
- » Surface special synthetic rubber. Non marking (soot free). Resistant to animal fats.
- » **Field of application:** slaughterhouses, fishing, bakeries etc. Not suitable for swimming baths, poultry fat, standard and industrial cleaning applications.

Quick screw couplings		
M22 : M22	M22 : M22	M22 : M22
Nipple & crimp VA	Stainless steel	Zinc-pl. steel

Other lengths or connections are available on request.

Hoses with double wire braid and wrapped cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	
2SC	8	400 bar	150 °C	10 m	349 100 410 7	349 100 410 9	349 100 410	
					15 m	349 100 415 7	349 100 415 9	349 100 415
					20 m	349 100 420 7	349 100 420 9	349 100 420
2SC	10	400 bar	150 °C	10 m	381 100 410 7	381 100 410 9	381 100 410	
					15 m	381 100 415 7	381 100 415 9	381 100 415
					20 m	381 100 420 7	381 100 420 9	381 100 420

All fittings are made out of zinc-plated steel. The hoses are also available with stainless steel fittings.

Please be so kind as to state the following on your order: R+M Nr. plus number:

7 = plug and crimp stainless steel 8 = plug stainless steel 9 = plug, crimp and connection stainless steel

Symbols DN nominal diameter P pressure °C temperature ↔ length TYP type BP burst pressure

High pressure hoses for special applications

Superball

- » High pressure cleaning hose with double steel wire braids for hot water
- » Equipped with assembled protection balls which simplify the hose's application
- » Lower friction, easy to pull the hose around any corner, does not get stuck, free water flow under the hose is guaranteed, a very clean and hygienic cleaning hose
- » Increased durability due to lower abrasive wear. Ideal for cleaning swimming baths
- » -40 °C - +150 °C

QSC : QSC

M22 : M22



Male thread (AGR)

M22 : M22



Hose assemblies

TYP	DN	P	BP	°C	↔
2SN	10	400 bar	>1,400 bar	150 °C	25 m

R+M Nr.
356 600 625 10

R+M Nr.
356 644 625 10



Superball-Sliding Balls

For high pressure cleaning hose outer- \varnothing 19 mm. Set consisting of 1 sliding ball with 2 stainless steel screws.

Outer- \varnothing 34 mm

R+M Nr.	Set-VPE	for Hose-↔
329 190 240	24	10 m
329 190 370	37	15 m
329 190 490	49	20 m
329 190 610	61	25 m

powershield365+®

- » Ideal for cleaning applications on rough floors which need to be cleaned by very non-abrasive hoses.
- » Compact hose with corrosion-protected steel wire.
- » Interior and surface synthetic rubber.
- » Very abrasion-resistant UHMPE-coating
- » Particularly abrasion-, oil-, ozone-resistant and weatherproof.
- » Considerably increased durability compared to usual high pressure hoses.
- » MSHA-permission
- » -40 °C - +100 °C

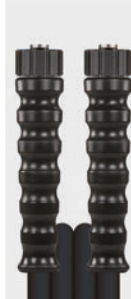
QSC : QSC

M22 : M22



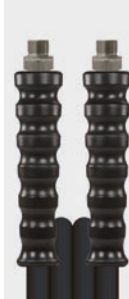
QSC : QSC
Stainl. steel

M22 : M22



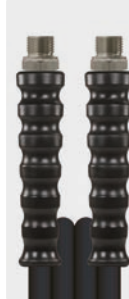
Male thread
(AGR)

3/8" : 3/8"



Male thread
Stainl. steel

1/2" : 1/2"



Hose assemblies

TYP	DN	P	BP	°C	↔
2SC	8	400 bar	>1,600 bar	100 °C	10 m
					15 m
					20 m
					25 m
					30 m
2SC	10	375 bar	>1,500 bar	100 °C	10 m
					15 m
					20 m
					25 m
					30 m
2SC	12	310 bar	>1,240 bar	100 °C	10 m
					15 m
					20 m
					25 m
					30 m
					35 m

R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
345 500 310	345 500 310 9	345 544 310	
345 500 315	345 500 315 9	345 544 315	
345 500 320	345 500 320 9	345 544 320	
345 500 325	345 500 325 9	345 544 325	
345 500 330	345 500 330 9	345 544 330	
345 500 335	345 500 335 9	345 544 335	
355 500 310	355 500 310 9	355 544 310	
355 500 315	355 500 315 9	355 544 315	
355 500 320	355 500 320 9	355 544 320	
355 500 325	355 500 325 9	355 544 325	
355 500 330	355 500 330 9	355 544 330	
355 500 335	355 500 335 9	355 544 335	
365 500 310			365 546 310 9
365 500 315			365 546 315 9
365 500 320			365 546 320 9
365 500 325			365 546 325 9
365 500 330			365 546 330 9
365 500 335			365 546 335 9

High pressure hoses for special applications

easyfarm365+ high pressure hose for the agriculture



- » Especially developed for the use in the agriculture
- » For the professional cot and machine cleaning.
- » Considerably longer working life in comparison to common high pressure hoses
- » Ideal for the use on rough floors under hardest conditions
- » Transparent surface made out of thermoplastic elastomer

- » Oil-, UV-, ozone-resistant and weatherproof
- » Brass-plated wire braid for high stability
- » Excellent ease of use and high safety
- » -40 °C - +120 °C. -40 °F - +250 °F



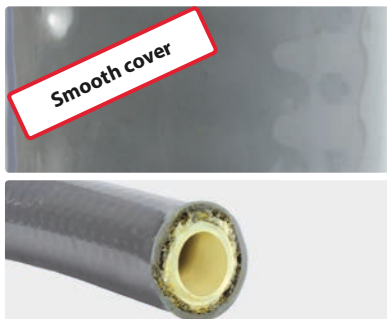
TYP	DN	P	°C	↔	Female thread (DKR)		Male thread (AGR)		Male thread (AGR) : Female thread (DKR)		QSC : QSC	QSC : plug swivel
					3/8" : 3/8"	1/2" : 1/2"	3/8" : 3/8"	1/2" : 1/2"	3/8" : 3/8"	1/2" : 1/2"	M22 : M22	M22 : 11 swivel
new easyfarm365+ 8	250 bar	120 °C	10 m	↔	R+M Nr.							
					348 201 543 10		348 201 443 10		348 201 558 10		348 201 003 10	348 201 113 10
					348 201 543 15		348 201 443 15		348 201 558 15		348 201 003 15	348 201 113 15
					348 201 543 20		348 201 443 20		348 201 558 20		348 201 003 20	348 201 113 20
					348 201 543 25		348 201 443 25		348 201 558 25		348 201 003 25	348 201 113 25
					348 201 543 30		348 201 443 30		348 201 558 30		348 201 003 30	348 201 113 30
easyfarm365+ 10	275 bar	120 °C	10 m	↔	R+M Nr.							
					354 201 543 10	354 201 563 10	354 201 443 10	354 201 463 10	354 201 558 10	354 201 578 10	354 201 003 10	354 201 113 10
					354 201 543 15	354 201 563 15	354 201 443 15	354 201 463 15	354 201 558 15	354 201 578 15	354 201 003 15	354 201 113 15
					354 201 543 20	354 201 563 20	354 201 443 20	354 201 463 20	354 201 558 20	354 201 578 20	354 201 003 20	354 201 113 20
					354 201 543 25	354 201 563 25	354 201 443 25	354 201 463 25	354 201 558 25	354 201 578 25	354 201 003 25	354 201 113 25
					354 201 543 30	354 201 563 30	354 201 443 30	354 201 463 30	354 201 558 30	354 201 578 30	354 201 003 30	354 201 113 30
easyfarm365+ 12	180 bar	120 °C	20 m	↔	R+M Nr.							
					354 201 543 40	354 201 563 40	354 201 443 40	354 201 463 40	354 201 558 40	354 201 578 40	354 201 003 40	354 201 113 40
					354 201 543 50	354 201 563 50	354 201 443 50	354 201 463 50	354 201 558 50	354 201 578 50	354 201 003 50	354 201 113 50
						363 201 563 20		363 201 463 20		363 201 578 20		363 201 003 20
						363 201 563 25		363 201 463 25		363 201 578 25		363 201 003 25
						363 201 563 30		363 201 463 30		363 201 578 30		363 201 003 30
new			25 m	↔								
			30 m	↔								
			40 m	↔								
			50 m	↔								
			60 m	↔								
			80 m	↔								

Symbols diameter **DN** nominal diameter **P** pressure **°C** temperature **↔** length **TYP** type shipment by truck

High pressure hoses for special applications

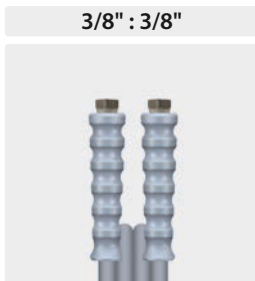
greyflex – high pressure hose

- » Ideal field of application: food and beverage industry, fish farming and swimming pools
- » Plug, crimp and connection stainless steel
- » Excellent ease of use, extremely light weight and flexible in case of low temperatures
- » Smooth and stain-resistant surface made out of thermoplastic elastomer
- » Ideal for the use on rough floors due to high abrasion resistance
- » Grease, oil-, UV-, ozone-resistant and weatherproof
- » Brass-plated wire braid
- » Suitable for working pressures of max. 275 bar. DN 10.
-40 °C - +120 °C, -40 °F - +248 °F



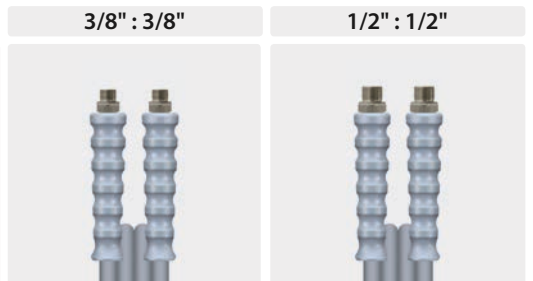
TYP	DN	P	°C	↔
greyflex new	8	250 bar	120 °C	10 m
				15 m
				20 m
				25 m
				30 m
greyflex	10	275 bar	120 °C	10 m
				15 m
				20 m
				25 m
				30 m

Female thread (DKR)



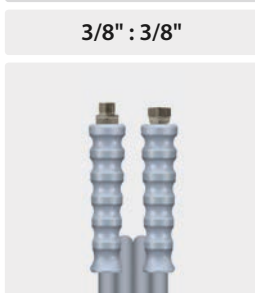
R+M Nr.
342 201 545 109
342 201 545 159
342 201 545 209
342 201 545 259
342 201 545 309
352 201 545 109
352 201 545 159
352 201 545 209
352 201 545 259
352 201 545 309

Male thread (AGR)



R+M Nr.
342 201 445 109
342 201 445 159
342 201 445 209
342 201 445 259
342 201 445 309
352 201 445 109
352 201 445 159
352 201 445 209
352 201 445 259
352 201 445 309

Male thread (AGR) : Female thread (DKR)



R+M Nr.
342 201 555 109
342 201 555 159
342 201 555 209
342 201 555 259
342 201 555 309
352 201 555 109
352 201 555 159
352 201 555 209
352 201 555 259
352 201 555 309

QSC : QSC



R+M Nr.
342 201 578 109
342 201 578 159
342 201 578 209
342 201 578 259
342 201 578 309
352 201 578 109
352 201 578 159
352 201 578 209
352 201 578 259
352 201 578 309

QSC : QSC



R+M Nr.
342 201 005 109
342 201 005 159
342 201 005 209
342 201 005 259
342 201 005 309
352 201 005 109
352 201 005 159
352 201 005 209
352 201 005 259
352 201 005 309

QSC : plug swivel



R+M Nr.
342 201 115 109
342 201 115 159
342 201 115 209
342 201 115 259
342 201 115 309
352 201 115 109
352 201 115 159
352 201 115 209
352 201 115 259
352 201 115 309

TYP	DN	P	°C	↔
greyflex new	8	250 bar	120 °C	10 m
				15 m
				20 m
				25 m
				30 m
greyflex	10	275 bar	120 °C	10 m
				15 m
				20 m
				25 m
				30 m

Ultra high pressure hoses

Hoses with double wire braid and wrapped cover. Type 2SC. Nominal diameter 10. Safety factor 3.5. Fittings stainless steel. Max. 150 °C

Female thread (DKOS)

M22 : M22



maxpressure. Type 2SC. Max. 500 bar

R+M Nr.	↔
358 177 310 9	10 m
358 177 315 9	15 m
358 177 320 9	20 m
358 177 330 9	30 m

M22 : M22



Type 2SC. Max. 500 bar

R+M Nr.	↔
364 177 310 9	10 m
364 177 315 9	15 m
364 177 320 9	20 m
364 177 330 9	30 m

Male thread (AGR)

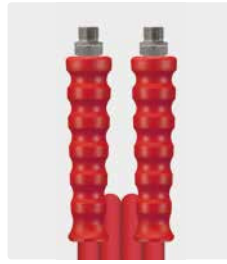
3/8" : 3/8"



maxpressure. Type 2SC. Max. 500 bar

R+M Nr.	↔
358 144 310 9	10 m
358 144 315 9	15 m
358 144 320 9	20 m
358 144 330 9	30 m

3/8" : 3/8"

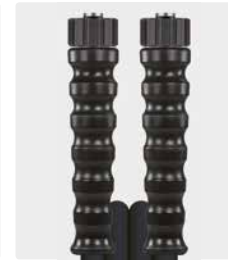


Type 2SC. Max. 500 bar

R+M Nr.	↔
364 144 310 9	10 m
364 144 315 9	15 m
364 144 320 9	20 m
364 144 330 9	30 m

Quick screw couplings

M22 : M22



maxpressure. Type 2SC. Max. 500 bar

R+M Nr.	↔
358 100 310 9	10 m
358 100 315 9	15 m
358 100 320 9	20 m
358 100 330 9	30 m

M22 : M22



Type 2SC. Max. 500 bar

R+M Nr.	↔
364 100 310 9	10 m
364 100 315 9	15 m
364 100 320 9	20 m
364 100 330 9	30 m

Hoses with double wire braid and wrapped cover. Nominal diameter 10. Fittings stainless steel. Max. 150 °C

Quick screw couplings

M24 : M24



maxpressure. 2SC. Max. 500 bar

R+M Nr.	↔
358 197 310 9	10 m
358 197 315 9	15 m
358 197 320 9	20 m
358 197 330 9	30 m

M24 : M24



2SC. Max. 500 bar

R+M Nr.	↔
364 197 310 9	10 m
364 197 315 9	15 m
364 197 320 9	20 m
364 197 330 9	30 m

M24 : M24



2SN. Max. 600 bar

R+M Nr.	↔
368 697 610 9	10 m
368 697 615 9	15 m
368 697 620 9	20 m
368 697 630 9	30 m

Hoses with double wire braid and smooth cover. Nominal diameter 6. Fittings stainless steel. Max. 150 °C

Quick screw couplings / male thread (AGR)

M22 : M22



maxpressure. flexy 500. Max. 500 bar

R+M Nr.	↔
338 000 310 9	10 m
338 000 315 9	15 m
338 000 320 9	20 m
338 000 330 9	30 m

M22 : 1/8"



flexy 500. Max. 500 bar

R+M Nr.	↔
424 300 010 9	10 m
424 300 015 9	15 m
424 300 020 9	20 m
424 300 030 9	30 m

1/4" : 1/4"



flexy 500. Max. 500 bar

R+M Nr.	↔
424 344 010 9	10 m
424 344 015 9	15 m
424 344 020 9	20 m
424 344 030 9	30 m

High pressure hoses

Quick screw couplings

M22 : M22



M22 : M22
plug VA



M22 : M22
swivel



Hoses with single wire braid and wrapped cover

TYP	DN	P	°C	↔
1SN	8	315 bar	150 °C	10 m
				15 m
				20 m

R+M Nr.
344 100 710
344 100 715
344 100 720

R+M Nr.
344 100 710 8
344 100 715 8
344 100 720 8

R+M Nr.
344 101 710
344 101 715
344 101 720

High pressure hoses per metre 1 SN

- » Interior synthetic rubber
- » Very temperature-resistant
- » Resistant to usual detergents
- » **Single wire braid**

- » Surface synthetic rubber
- » Abrasion-, oil-, ozone-resistant and weatherproof
- » -40 °C - +150 °C
- » DIN EN 853

1SN black - wrapped cover



Field of application: suitable for versatile, universal applications such as industrial plants, agriculture, petrol stations etc.

R+M Nr.	TYP	DN	Ø	P	BP	°C
301 00	1SN	6	13.0	250 bar	≥840 bar	-40 °C - +150 °C
301 10	1SN	8	14.7	210 bar	≥840 bar	-40 °C - +150 °C
301 15	1SN	8	14.7	315 bar	≥1,260 bar	-40 °C - +150 °C
302 10	1SN	10	16.8	210 bar	≥840 bar	-40 °C - +150 °C
302 15	1SN	12	20.0	180 bar	≥720 bar	-40 °C - +150 °C

1SN black - smooth cover



Field of application: suitable for versatile, universal applications such as industrial plants, agriculture, petrol stations etc.

R+M Nr.	TYP	DN	Ø	P	BP	°C
301 11	1SN	8	15,2	250 bar	≥840 bar	-40 °C - +150 °C
301 151	1SN	8	15,0	315 bar	≥1,000 bar	-40 °C - +150 °C
302 12	1SN	10	17,5	210 bar	≥740 bar	-40 °C - +150 °C

1SN blue - wrapped cover



Non Marking (soot free). **Field of application:** suitable for versatile, universal applications such as self service car wash, swimming baths, offices and plants being equipped with e.g. tiles or special flooring

R+M Nr.	TYP	DN	Ø	P	BP	°C
301 07	1SN	6	13.0	250 bar	≥840 bar	-40 °C - +150 °C
301 45	1SN	8	14.7	210 bar	≥840 bar	-40 °C - +150 °C
301 16	1SN	8	14.7	315 bar	≥1,260 bar	-40 °C - +150 °C
302 45	1SN	10	16.8	210 bar	≥840 bar	-40 °C - +150 °C
302 90	1SN	12	20.0	180 bar	≥720 bar	-40 °C - +150 °C
303 16	1SN	16	23.2	130 bar	≥520 bar	-40 °C - +150 °C

1SN blue - smooth cover



Non Marking (soot free). **Field of application:** suitable for versatile, universal applications such as self service car wash, swimming baths, offices and plants being equipped with e.g. tiles or special flooring

R+M Nr.	TYP	DN	Ø	P	BP	°C
301 072	1 SN	6	11.0	250 bar	≥900 bar	-40 °C - +150 °C
302 452	1SN	10	17.5	210 bar	≥720 bar	-40 °C - +150 °C
302 902	1SN	12	20.8	180 bar	≥640 bar	-40 °C - +150 °C

1SN grey - wrapped cover



Non Marking (soot free). **Field of application:** suitable for versatile, universal applications such as self service car wash, swimming baths, offices and plants being equipped with e.g. tiles or special flooring

R+M Nr.	TYP	DN	Ø	P	BP	°C
301 06	1SN	6	13.0	250 bar	≥840 bar	-40 °C - +150 °C
301 46	1SN	8	14.7	210 bar	≥840 bar	-40 °C - +150 °C
302 46	1SN	10	16.8	210 bar	≥840 bar	-40 °C - +150 °C

1SN red - wrapped cover



Non Marking (soot free). **Field of application:** industrial plants, offices and plants. Red colour for warning at hot water installations or for avoiding trips and falls / protection against being run over

R+M Nr.	TYP	DN	Ø	P	BP	°C
301 18	1SN	8	15.0	315 bar	≥1,260 bar	-40 °C - +150 °C

Symbols DN nominal diameter Ø diameter TYP type P pressure BP burst pressure °C temperature L length

High pressure hoses per metre 2 SC / 2 SN

- » Interior synthetic rubber
- » Very temperature-resistant
- » Resistant to usual cleaning agents
- » Double wire braid

- » Surface synthetic rubber
- » Abrasion-, oil-, ozone-resistant and weatherproof
- » -40 °C - +150 °C
- » DIN EN 853 / 857

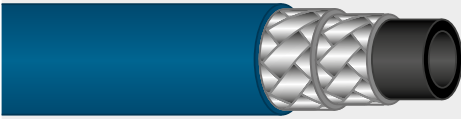
2SC blue - wrapped cover



DIN EN 853. Non Marking (soot free). **Field of application:** suitable for versatile, universal applications such as self service car wash, swimming baths, offices and plants being equipped with e.g. tiles or special flooring

R+M Nr.	TYP	DN	∅	P	BP	°C
302 95	2SC	12	20.0	300 bar	≥1,200 bar	-40 °C - +150 °C

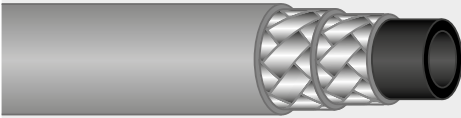
2SN blue - smooth cover



DIN EN 853. Non Marking (soot free). **Field of application:** suitable for versatile, universal applications such as self service car wash, swimming baths, offices and plants being equipped with e.g. tiles or special flooring

R+M Nr.	TYP	DN	∅	P	BP	°C
302 052	2SN	8	16.7	400 bar	≥1,600 bar	-40 °C - +150 °C
302 653	2SN	10	18.9	400 bar	≥1,600 bar	-40 °C - +150 °C

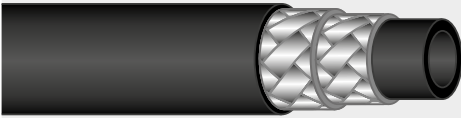
2SN grey - smooth cover



DIN EN 853. Non Marking (soot free). **Field of application:** suitable for versatile, universal applications such as self service car wash, swimming baths, offices and plants being equipped with e.g. tiles or special flooring

R+M Nr.	TYP	DN	∅	P	BP	°C
302 062	2SN	8	16.7	400 bar	≥1,600 bar	-40 °C - +150 °C
302 662	2SN	10	18.9	400 bar	≥1,600 bar	-40 °C - +150 °C

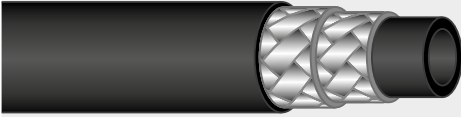
2SC black - wrapped cover



DIN EN 857. **Field of application:** suitable for versatile, universal applications such as industrial plants, agriculture, petrol stations etc.

R+M Nr.	TYP	DN	∅	P	BP	°C
302 81	2SC	12	20.0	300 bar	≥1,200 bar	-40 °C - +150 °C

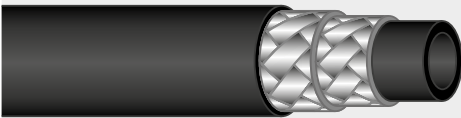
2SN black - smooth cover



DIN EN 853. **Field of application:** suitable for versatile, universal applications such as industrial plants, agriculture, petrol stations etc.

R+M Nr.	TYP	DN	∅	P	BP	°C
301 52	2SN	8	16.7	400 bar	≥1,600 bar	-40 °C - +150 °C
302 52	2SN	10	18.9	400 bar	≥1,600 bar	-40 °C - +150 °C

2SC black - wrapped cover



DIN EN 857. **Field of application:** suitable for versatile, universal applications such as industrial plants, agriculture, petrol stations etc.

R+M Nr.	TYP	DN	∅	P	BP	°C
301 02	2SC	6	13.2	400 bar	≥1,600 bar	-40 °C - +150 °C
301 50	2SC	8	14.5	400 bar	≥1,400 bar	-40 °C - +150 °C
302 50	2SC	10	16.8	400 bar	≥1,320 bar	-40 °C - +150 °C

maxpressure®



DIN EN 857. Black. Wrapped cover. **Field of application:** suitable for versatile, universal applications such as industrial plants, agriculture, petrol stations etc.

R+M Nr.	TYP	DN	∅	P	BP	°C
302 551	2SC	10	17.5	500 bar	≥1,500 bar	-40 °C - +150 °C

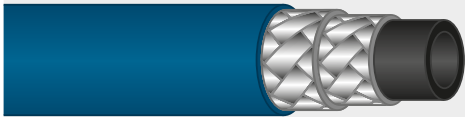
Symbols DN nominal diameter ∅ diameter TYP type P pressure BP burst pressure °C temperature

High pressure hoses per metre 2 SC

- » Interior synthetic rubber
- » Very temperature-resistant
- » Resistant to usual detergents
- » **Double wire braid**

- » Surface synthetic rubber
- » Non Marking (soot free)
- » Abrasion-, oil-, ozone-resistant and weatherproof
- » DIN EN 857. -40 °C - +150 °C

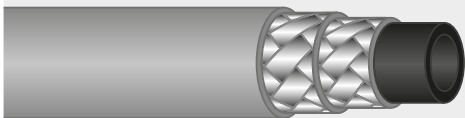
2SC blue - wrapped cover



Field of application: suitable for versatile, universal applications such as self service car wash, swimming baths, offices and plants being equipped with e.g. tiles or special flooring

R+M Nr.	TYP	DN	∅	P	BP	°C
302 05	2SC	8	14.5	400 bar	≥1,400 bar	-40 °C - +150 °C
302 65	2SC	10	16.8	400 bar	≥1,320 bar	-40 °C - +150 °C

2SC grey - wrapped cover



Field of application: suitable for versatile, universal applications such as self service car wash, swimming baths, offices and plants being equipped with e.g. tiles or special flooring

R+M Nr.	TYP	DN	∅	P	BP	°C
302 06	2SC	8	14.5	400 bar	≥1,400 bar	-40 °C - +150 °C
302 66	2SC	10	16.8	400 bar	≥1,320 bar	-40 °C - +150 °C

2SC red - wrapped cover



Field of application: industrial plants, offices and plants. Red colour for warning at hot water installations or for avoiding trips and falls / protection against being run over

R+M Nr.	TYP	DN	∅	P	BP	°C
302 56	2SC	10	17.7	500 bar	≥1,700 bar	-40 °C - +150 °C

2SC green - wrapped cover



Field of application: industrial plants, offices and plants

R+M Nr.	TYP	DN	∅	P	BP	°C
302 60	2SC	10	17.7	400 bar	≥1,600 bar	-40 °C - +150 °C

High pressure hoses per metre 2 SC

- » Interior synthetic rubber
- » Very temperature-resistant
- » Resistant to usual detergents
- » **Double wire braid**

- » **Surface special synthetic rubber**
- » Non Marking (soot free)
- » **Resistant to animal fats, not resistant to poultry fats**
- » DIN EN 857. -40 °C - +150 °C

2SC yellow - wrapped cover



Field of application: slaughterhouses, fishing, bakeries etc. Not suitable for swimming baths, standard and industrial cleaning applications. The hoses should be cleaned with hot water but not with any solvents or chemicals as this makes them harden and unserviceable

R+M Nr.	TYP	DN	∅	P	BP	°C
302 08	2SC	8	15.3	400 bar	≥1,600 bar	-40 °C - +150 °C
302 68	2SC	10	17.7	400 bar	≥1,600 bar	-40 °C - +150 °C

Please note that the hose dimensions given may vary within the DIN.
Hose sold by the metre may be supplied only in production lengths, otherwise cut costs will arise.

High pressure hoses per metre 1 ST

- » Interior synthetic rubber
- » Very temperature-resistant
- » Resistant to usual detergents
- » **Single wire braid**

- » Surface synthetic rubber
- » Abrasion-, oil-, ozone-resistant and weatherproof
- » -40 °C - +150 °C
- » DIN EN 853

1ST black - wrapped thick cover



Field of application: suitable for versatile, universal applications such as industrial plants, agriculture, petrol stations etc.

R+M Nr.	TYP	DN	∅	P	BP	°C
301 20	1ST	8	17.5	210 bar	≥840 bar	-40 °C - +150 °C
302 20	1ST	10	19.8	210 bar	≥840 bar	-40 °C - +150 °C

1ST blue - wrapped thick cover



Non Marking (soot free). **Field of application:** suitable for versatile, universal applications such as self service car wash, swimming baths, offices and plants being equipped with e.g. tiles or special flooring

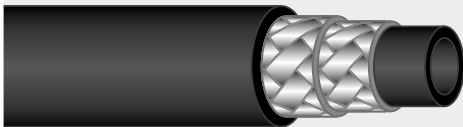
R+M Nr.	TYP	DN	∅	P	BP	°C
301 40	1ST	8	17.5	210 bar	≥840 bar	-40 °C - +150 °C
302 40	1ST	10	19.8	210 bar	≥840 bar	-40 °C - +150 °C
302 70	1ST	12	23.0	180 bar	≥720 bar	-40 °C - +150 °C

High pressure hoses per metre 2 ST

- » Interior synthetic rubber
- » Very temperature-resistant
- » Resistant to usual detergents
- » **Double wire braid**

- » Surface synthetic rubber
- » Abrasion-, oil-, ozone-resistant and weatherproof
- » -40 °C - +150 °C
- » DIN EN 853

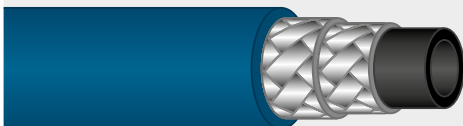
2ST black - wrapped thick cover



Field of application: suitable for versatile, universal applications such as industrial plants, agriculture, petrol stations etc.

R+M Nr.	TYP	DN	∅	P	BP	°C
301 35	2ST	8	19.1	400 bar	≥1,600 bar	-40 °C - +150 °C
302 35	2ST	10	21.4	330 bar	≥1,320 bar	-40 °C - +150 °C

2ST blue - wrapped thick cover



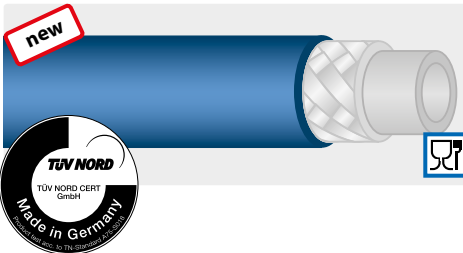
Non Marking (soot free). **Field of application:** suitable for versatile, universal applications such as self service car wash, swimming baths, offices and plants being equipped with e.g. tiles or special flooring

R+M Nr.	TYP	DN	∅	P	BP	°C
302 36	2ST	10	21.4	330 bar	≥1,320 bar	-40 °C - +150 °C

Food high pressure hoses per metre

- » Food hose according to (EG) 1935/2004, (EU) 10/2011 and (EG) 2023/2006
- » Especially designed for industrial foam cleaning applications
- » Threefold coated PVC hose with a flush surface
- » Increased 1-layer rot-proof textile mesh.
- » Suitable for: water and water mixes of usual cleaning detergents

PUREClean365+® 40 / PUREClean365+® 100



Field of application: foam hose and pre-spraying hose for the food industry.
Suitable for the contact with liquid food products

R+M Nr.	TYP	↔	DN	∅	P 20 °C	P 70 °C	BP 20 °C	°C
303 660 40	40	10 - 100 m	12	21.6	100 bar	45 bar	≥ 250 bar	-10 °C - + 70 °C
303 661 00	100	10 - 100 m	12	21.6	40 bar	18 bar	≥ 200 bar	-10 °C - +100 °C

Please note that the hose dimensions given may vary within the DIN.

Hose sold by the metre may be supplied only in production lengths, otherwise cut costs will arise.

Food high pressure hoses per metre

- » Food hose according to (EC)2002/72, (EU) 10/2011, (EG) 1935/2004 and (EG) 2023/2006.
- » Especially designed for industrial foam cleaning applications
- » Fivefold coated PVC hose with a flush surface
- » **Twofold textile meshwork**
- » Suitable for: water and water mixes of usual cleaning detergents

blufood®



Field of application: foam hose and pre-spraying hose for the food industry.

Suitable for the contact with liquid food products

R+M Nr.	TYP	DN	∅	P 20 °C	P 70 °C	BP 20 °C	°C
303 70	blufood	12	22	50 bar	30 bar	≥ 240 bar	-20 °C - +70 °C
303 700 019	blufood	19	31	40 bar	15 bar	≥ 200 bar	-20 °C - +70 °C

High pressure hoses per metre

Foodjet



- » High pressure hose according to DIN EN 854
- » **Particularly resistant to animal and poultry fats**
- » Surface synthetic rubber
- » **Interior synthetic, oil-resistant rubber, tight textile meshwork.**
- » Suitable for: oil, water, water-in-oil emulsion and water mixes with up to 50 % detergent
- » Particularly abrasion-, oil-, ozone-resistant and weatherproof

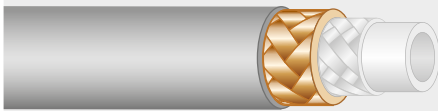
Field of application: cleaning hose designed for the poultry processing industry

R+M Nr.	TYP	DN	∅	P	BP	°C
303 60	Foodjet	12	19.7	80 bar	240	-40 °C - +150 °C



R+M Nr.	TYP	DN	∅	P	BP	°C
303 601 500	Foodjet 1500	12	21.8	125 bar	375	-40 °C - +150 °C

greyflex



- » Especially developed to meet highest requirements to hygiene and ergonomics
- » Smooth surface made out of thermoplastic elastomer
- » **Brass-plated wire braid, fabric braid, high-tensile polyester meshwork and PES-interior very resistant to detergents**
- » Suitable for: oil, water, water-oil emulsion and water-detergent mixture.
- » Particularly abrasion-, UV-, grease-, oil-, ozone-resistant and weatherproof
- » extremely light weight and flexible in case of low temperatures
- » Roll at 100 m

Field of application: Food and beverage industry, fish farming and swimming pools

R+M Nr.	TYP	DN	∅	P	BP	°C
300 201 108	greyflex	8	15,2	250 bar	1.000	-40 °C - +120 °C
300 201 110	greyflex	10	17,4	275 bar	1.100	-40 °C - +120 °C

easyfarm365+



- » Especially developed for the use in the agriculture
- » Excellent ease of use and high safety
- » Smooth transparent surface made out of thermoplastic elastomer
- » **Brass-plated wire braid, fabric braid, high-tensile polyester meshwork and PES-interior very resistant to detergents**
- » Suitable for: oil, water, water-oil emulsion and water-detergent mixture
- » Particularly abrasion-, UV-, oil-, ozone-resistant and weatherproof
- » Ideal for the use on rough floors under hardest conditions
- » Roll at 100 m

Field of application: Professional cot and machine cleaning in the agriculture

R+M Nr.	TYP	DN	∅	P	BP	°C
300 201 408	easyfarm365+	8	15.1	250 bar	1,000	-40 °C - +120 °C
300 201 410	easyfarm365+	10	17.4	275 bar	1,100	-40 °C - +120 °C
300 201 412	easyfarm365+	12	20.8	180 bar	720	-40 °C - +120 °C

Symbols DN nominal diameter ∅ diameter TYP type P pressure BP burst pressure °C temperature

High pressure hoses per metre

Ultra high pressure hose



- » Interior synthetic rubber
- » Very temperature-resistant
- » Resistant to usual detergents
- » **Double wire braid**
- » Surface synthetic rubber
- » Abrasion-, oil-, ozone-resistant and weatherproof
- » DIN EN 1829-2

Field of application: suitable for versatile, universal applications such as industrial plants, agriculture, petrol stations etc.

R+M Nr.	TYP	DN	Ø	P	BP	°C
302 54	2SN/DIN EN 853	10	18.7	600 bar	1,500 bar	-40 °C - +150 °C

powershield365+®



- » Interior synthetic rubber
- » **Corrosion-protected steel wire**
- » Surface synthetic rubber
- » Very abrasion-resistant UHMPE-coating
- » Abrasion-, oil-, ozone-resistant and weatherproof.
- » Ideal for cleaning applications on rough floors which must be very non-abrasive
- » Considerably increased durability compared to usual hp hoses
- » MSHA-permission

Field of application: Highly abrasion charged application areas, e.g. underground coal mining.

R+M Nr.	TYP	DN	Ø	P	BP	°C
302 278	1SN/DIN EN 853	10	16.7	210 bar	> 840 bar	-40 °C - +100 °C
302 178	1SN/DIN EN 853	12	19.9	180 bar	> 720 bar	-40 °C - +100 °C
301 578	2SC/DIN EN 857	8	14.5	400 bar	>1,600 bar	-40 °C - +100 °C
302 578	2SC/DIN EN 857	10	16.5	375 bar	>1,500 bar	-40 °C - +100 °C
302 878	2SC/DIN EN 857	12	19.9	310 bar	>1,240 bar	-40 °C - +100 °C

Galvanator



- » Interior synthetic rubber
- » Resistant to usual detergents
- » Very temperature-resistant
- » **Double steel zinc plated wire braid**
- » Surface special synthetic rubber
- » **Resistant to poultry fats**
- » Non Marking (soot free)

Field of application: Poultry farms, slaughterhouses, fishing, bakeries etc. Not suitable for swimming baths, standard and industrial cleaning applications. The hoses should be cleaned with hot water but not with any solvents or chemicals as this makes them harden and unserviceable

R+M Nr.	TYP	DN	Ø	P	BP	°C
302 67	Galvanator	10	18.0	350 bar	≥ 1,400 bar	-29 °C - +121 °C

CARWASH COMFORT



- » Special PES interior very resistant to detergents
- » High-tensile polyester reinforcing
- » Transparent and thermoplastic surface made out of polyurethane
- » Oil-, UV-, ozone-resistant and weatherproof
- » Light weight and flexible in case of low temperatures
- » DN 8 ideally used at foam lances, excellent bending behaviour
- » DN 8: roll at 100 m
- » DN 6: roll at 200 m / 400 m

Field of application: self-service washing bays

R+M Nr.	TYP	DN	Ø	P	BP	°C
300 100 6	blue	6	12.0	200 bar	>800 bar	-40 °C - +60 °C
300 110 6	grey	6	12.0	200 bar	>800 bar	-40 °C - +60 °C
300 120 6	red	6	12.0	200 bar	>800 bar	-40 °C - +60 °C
300 140 6	green	6	12.0	200 bar	>800 bar	-40 °C - +60 °C
300 150 6	yellow	6	12.0	200 bar	>800 bar	-40 °C - +60 °C
300 100 8	blue	8	15.0	200 bar	>800 bar	-40 °C - +60 °C

Fittings for bluflood®

Please note that the hose dimensions given may vary within the DIN.

Hose sold by the metre may be supplied only in production lengths, otherwise cut costs will arise.



Detachable fitting.
3/4" F.
Stainless steel.
Max. 50 bar

R+M Nr.	DN
574 734 009	19



Hose barb 3/4" M.
60° cone.
Stainless steel.
Max. 50 bar

R+M Nr.	DN
711 341 909	19

High pressure hoses per metre

Plastic



- » Interior polyethylene
- » Polyester inlay free of rotting, high-tensile
- » PVC-surface
- » Limited oil-resistance
- » Roll at 400 m

Field of application: Semi-professional hp cleaning & pipe cleaning

R+M Nr.	TYP	DN	∅	P	BP	°C
304 01	black	5	9.9	120 bar	≥440 bar	-20 °C - 60 °C



- » Interior polyethylene
- » Polyester inlay free of rotting, high-tensile
- » PVC-surface
- » Limited oil-resistance
- » Roll at 400 m

Field of application: Semi-professional hp cleaning & pipe cleaning

R+M Nr.	TYP	DN	∅	P	BP	°C
304 10	black	5	10.4	200 bar	≥800 bar	-30 °C - 60 °C



- » Interior polyethylene
- » Polyester inlay free of rotting, high-tensile
- » PVC-surface
- » Limited oil-resistance
- » Roll at 400 m

Field of application: Semi-professional hp cleaning & pipe cleaning

R+M Nr.	TYP	DN	∅	P	BP	°C
300 01	black	6	11.6	160 bar	≥640 bar	-20 °C - 65 °C

blupur

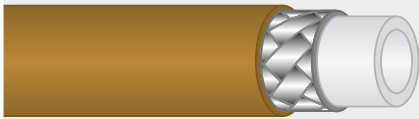


- » Interior polyethylene
- » Polyester inlay free of rotting, high-tensile
- » PVC-surface
- » Limited oil-resistance
- » Roll at 400 m

Field of application: Semi-professional hp cleaning & pipe cleaning

R+M Nr.	TYP	DN	∅	P	BP	°C
304 15	blupur	5	10.3	200 bar	≥800 bar	-40 °C - 60 °C

R+M 1 / Bronze



- » Interior polyester / elastomer
- » Very elastic version
- » Single wire braid
- » Surface polyurethane

Field of application: Semi-professional hp cleaning & pipe cleaning

R+M Nr.	TYP	DN	∅	P	BP	°C
304 20	R+M 1	4	9.2	300 bar	≥ 1,000 bar	-40 °C - +98 °C

Flexy



- » Interior synthetic rubber
- » Very elastic version
- » Single wire braid, * double wire braid
- » Surface synthetic rubber
- » Abrasion-, oil-resistant and weatherproof

Field of application: Professional hp cleaning & pipe cleaning

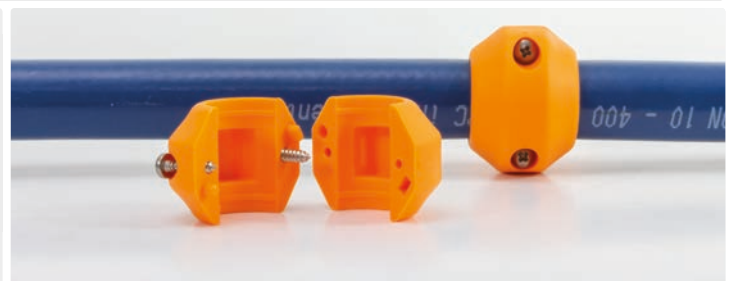
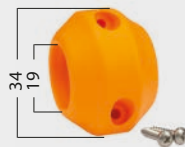
R+M Nr.	TYP	DN	∅	P	BP	°C
300 95	Flexy 300	6	10.8	300 bar	≥ 800 bar	-40 °C - +100 °C
300 97 *	Flexy 500	6	14.5	600 bar	≥ 2,000 bar	-40 °C - +150 °C

Superball-Sliding Balls

For high pressure cleaning hose outer-∅ 19 mm.
Set consisting of 1 sliding ball with 2 stainless steel screws.

Outer-∅ 34 mm

R+M Nr.	Set-VPE	for Hose-↔
329 190 240	24	10 m
329 190 370	37	15 m
329 190 490	49	20 m
329 190 610	61	25 m



Symbols DN nominal diameter ∅ diameter TYP type P pressure BP burst pressure °C temperature

Hose bend restrictor

Hose bend restrictor - elastomer

Special material which is substantially more UV- and ozone-resistant than usual rubber.



The lip that engages behind the holder avoids any loosening.

DN	Ø
6	15.5 mm
8	19.5 mm
10	20.5 mm
12	23.5 mm
12	23.5 mm bluflood

Further colours of the waved hose bend restrictor are available on request.

Black	Blue	Grey	Yellow	Red
R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
308 505	308 515			
308 605	309 055	309 005	308 805	308 855
308 705	309 155	309 105	308 905	308 955
308 765	309 165		309 185	309 175
	309 166 01 *			

Hose bend restrictor - elastomer, short

Special material which is substantially more UV- and ozone-resistant than usual rubber. Conical fit



DN	Ø 1	Ø 2	Ø 3	Ø 4
6	12.9	15.0		
8			15.6	18.2
10			17.9	20.5
12			20.4	23.0

Black	Blue	Grey	Black	Grey	Blue	Yellow
R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
308 50	308 51	308 53				
			308 60	309 00	309 05	308 80
			308 70	309 10	309 15	308 90
			308 76		309 16	

Hose bend restrictor - plastic



Black	Ø
R+M Nr.	
308 52	13.5 mm

Cartridge for plugs



For plugs placed at the gun

R+M Nr.	DN
316 960 6	6
316 960 8	8

Hose protection



PVC	R+M Nr.	VPE	Ø	⊙
	308 491 620	per metre	20 mm	16 mm
	308 491 621	roll at 20 m	20 mm	16 mm

Hose bend restrictor - plastic / spiral



Spiral black	Ø
R+M Nr.	
308 55	14.5 mm

Spiral blue	Ø
R+M Nr.	
308 551	14.5

Spiral red	Ø
R+M Nr.	
308 552	14.5

Packing units

Hose bend restrictor - elastomer	175 pieces
Hose bend restrictor - elastomer short	350 pieces
Hose bend restrictor - plastic	500 pieces
Hose bend restrictor - plastic / spiral	400 pieces

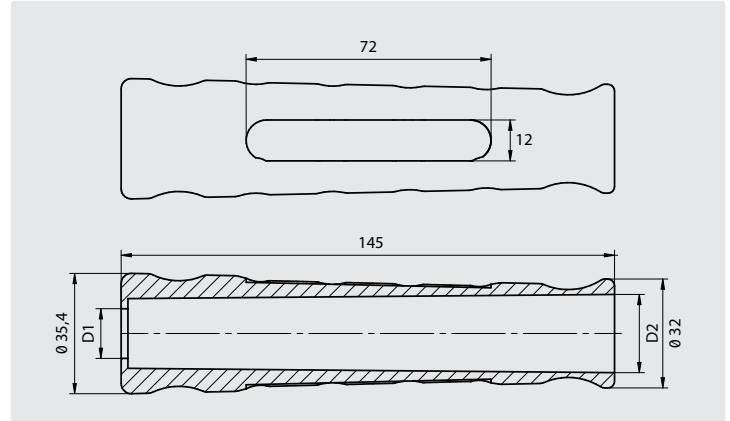
* FDA-Compliant and 1935/2004 / EC (food contact safe plastics)

Hose bend restrictor in wave design - showing your company logo!

We offer you the possibility to combine your personal spray guns ST-2300 and ST-2600 with your individual hose bend restrictor, this is possible from 525 pieces. You are invited to choose your favourite colour of your hose bend restrictor and to think about what you would like to have written on it or which logo you would like to see on it. It is really up to you as you can give free rein to your creativity! The lettering on the two fields is solely determined by you. By means of labelling your personal hose bend restrictor you succeed in enhancing the product itself and also in making your company and brand better known.

The hose bend restrictor very bendable and also flexible at low temperature is equipped with a lip that engages behind the crimp cartridge and avoids any loosening. It is characterized by a very smooth surface structure, oil and abrasion resistance.

The black and yellow versions are recommended to be used for outdoor applications. The blue and grey hose bend restrictor is especially designed for being used inside as for example in the food industry. It is generally phthalate-free, resistant to chemicals as well as chlorine- and grease resistant in all colours.



colour	colour-number	nominal diameter	D1	D2
red	1040	DN 8	14.6	21.7
		DN 10	14.6	23.0
		DN 12	19.5	23.6
		DN 12 *	21.0	26.5
black	660	DN 8	14.6	21.7
		DN 10	14.6	23.0
		DN 12	19.5	23.6
		DN 12 *	21.0	26.5
blue	1010	DN 8	14.6	21.7
		DN 10	14.6	23.0
		DN 12	19.5	23.6
		DN 12 *	21.0	26.5
grey	1020	DN 8	14.6	21.7
		DN 10	14.6	23.0
		DN 12	19.5	23.6
		DN 12 *	21.0	26.5
yellow	1030	DN 8	14.6	21.7
		DN 10	14.6	23.0
		DN 12	19.5	23.6
		DN 12 *	21.0	26.5

* hose bend restrictor for bluflood

Crimp nipples

Nipples with cone, metric thread DKOL / DKOS



Zinc-plated steel Stainless steel 90°. Zinc-pl. steel 90°. Stainless steel 45°. Zinc-pl. steel 45°. Stainless steel

DN	⊘	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
6	M12 x 1.5 (6L)	316 45	316 459	316 452	316 452 9		
6	M14 x 1.5 (8L)	316 46	316 469	316 462			
6	M16 x 1.5 (10L)	316 49	316 499	316 041 61		316 041 62	
6	M18 x 1.5 (12L)	316 60	316 69	316 041 81		316 041 82	
8	M14 x 1.5 (8L)	316 140 8					
8	M16 x 1.5 (10L)	316 50	316 59	316 51	316 519		
8	M18 x 1.5 (12L)	316 70	316 79	316 71	316 719	316 72	
8	M18 x 1.5 (10S)	316 180 82	316 180 829	316 180 83	316 739		
10	M16 x 1.5 (10L)		316 161 09				
10	M18 x 1.5 (12L)	316 80	316 89	316 061 81	316 819	316 82	316 829
10	M20 x 1.5 (12S)		317 449				
10	M22 x 1.5 (15L)	316 221 0	316 221 09	316 73		316 74	
10	M22 x 1.5 (14S)	317 710	317 710 9		316 221 019		
10	M24 x 1.5 (16S)		316 241 09				
12	M18 x 1.5 (12L)	316 181 2				316 181 21	
12	M22 x 1.5 (15L)	317 40	317 49	317 45	317 492	317 44	
12	M24 x 1.5 (16S)	317 46	316 746 9				
12	M26 x 1.5 (18L)						
16	M22 x 1.5 (15L)	316 221 6					
16	M26 x 1.5 (18L)	316 261 6					
16	M30 x 2 (20S)	316 301 6		316 301 69			
20	M30 x 2 (22L)		316 302 09				
25	M36 x 2 (28L)	316 362 5		316 362 590		316 362 545	

Nipples with cone, pipe thread DKR / AGR



Zinc-plated steel Stainless steel 45°. Zinc-pl. steel 90°. Zinc-pl. steel 90°. Stainless steel Zinc-plated steel Stainless steel

DN	⊘	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
4	1/4"	316 05					
5	1/8"	315 95				315 11	
6	1/8"						315 069
6	1/4"	316 10	316 19	316 12	316 11	316 119	315 20
6	3/8"	316 15	316 16		316 151		315 46
6	1/2"	316 18					
8	1/4"	316 00	316 09				315 30
8	3/8"	316 20	316 29	316 22	316 21	316 219	315 50
8	1/2"	316 105 08	316 105 09				
10	1/4"						315 45
10	3/8"	316 30	316 25		316 31	316 319	315 60
10	1/2"	316 40	316 409		316 41	316 419	315 61
12	3/8"	316 38	316 381 2				315 080 6
12	1/2"	316 42	316 429	316 080 81	316 43	316 439	315 65
12	3/4"	316 081 2	316 081 29				
16	1/2"		316 449				
16	3/4"	316 48	316 489		316 101 21		315 67
20	3/4"	316 342 0	316 342 9		316 101 20	316 342 29	315 68
20	1"	316 121 69					
25	3/4"	316 47					315 161 2
25	1"	316 161 6	316 161 69				315 161 6

Crimp nipples

Nipples with cone, metric thread CEL



Zinc-plated steel Stainless steel

DN	⊙	R+M Nr.	R+M Nr.
6	M12 x 1.5 (6L)		
6	M14 x 1.5 (8L)	316 461	
6	M16 x 1.5 (10L)		
6	M18 x 1.5 (12L)	315 806	
8	M14 x 1.5 (8L)		
8	M16 x 1.5 (10L)	315 70	
8	M18 x 1.5 (12L)	315 808	
8	M18 x 1.5 (10S)		
10	M16 x 1.5 (10L)		
10	M18 x 1.5 (12L)	315 80	
10	M20 x 1.5 (12S)		
10	M22 x 1.5 (15L)	315 85	315 859
10	M22 x 1.5 (14S)		
10	M24 x 1.5 (16S)		
12	M18 x 1.5 (12L)	315 812	
12	M22 x 1.5 (15L)		315 869
12	M24 x 1.5 (16S)		
12	M26 x 1.5 (18L)	315 826 120	
16	M22 x 1.5 (15L)		
16	M26 x 1.5 (18L)		
16	M30 x 2 (20S)		
20	M30 x 2 (22L)	315 90	315 909
25	M36 x 2 (28L)		

Double crimp nipples



Zinc-plated steel

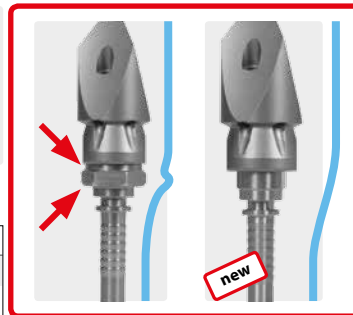
R+M Nr.	DN
318 506	6
318 508	8
318 510	10
318 513	12
318 516	16

Nipples, pipe thread RR



Brass. O-ring Stainless steel Stainless steel. Flat sealing

DN	⊙	R+M Nr.	R+M Nr.	R+M Nr.
4	1/8"		315 03	
5	1/8"	315 10		
6	1/8"	315 06		
6	1/4"	315 00		
8	1/4"			315 393
8	3/8"			315 593
10	3/8"			315 693
12	1/2"			315 663

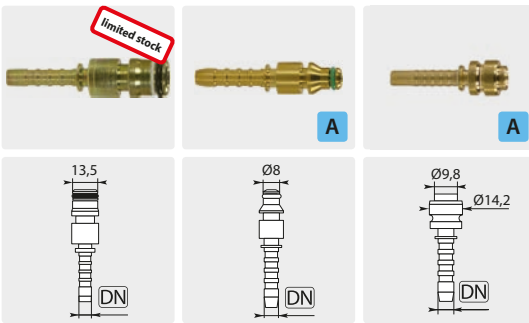


- AGR = pipe male thread
- CEL = male threads for connection pieces 24°, universal sealing head and cutting ring
- DKOL = conical nipple with O-ring, light series
- DKOS = conical nipple with O-ring, heavy series
- DKR = conical nipple with pipe thread
- RR = for sewer cleaning hoses

Symbols \square DN nominal diameter \odot thread

Crimp nipples

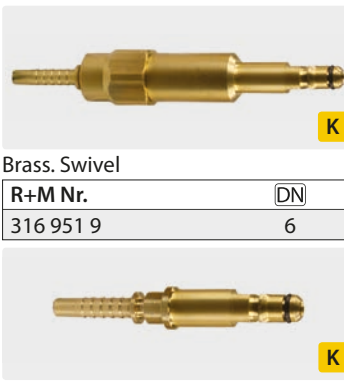
Crimp nipples



For clip system. Zinc-plated steel
 Plug. Brass
 X-TRA. Brass

R+M Nr.	DN	R+M Nr.	DN	R+M Nr.	DN
317 55	6	317 520 6	6	317 521 6	6

Crimp nipples



Brass. Swivel

R+M Nr.	DN
316 951 9	6

Brass

R+M Nr.	DN
200 000 092	6

Crimp nipples with pipe pieces



Zinc-plated steel. BEL - BES

DN	∅	R+M Nr.
6	08	316 65
6	10	316 61
6	12	316 62
8	12	316 612 08
10	15	316 63

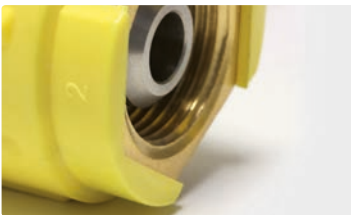
Crimp nipples premounted



ST-44. Stainless steel. M22 F swivel
 ST-44. Stainless steel. M21 F swivel
 M22 F. Zinc-plated steel. Screw nut brass. Type 01
 M22 F. Stainless steel. Screw nut stainless steel. Type 02
 1/2" F. Zinc-plated steel. Screw nut brass. Type 01
 M22 F. Brass. Crimp nipple stainless steel. US-Version 14.88. Type 05
 M22 F. 90°. Zinc-plated steel. Type 01
 ST-740. M24 x 1.5

R+M Nr.	DN	R+M Nr.	DN	R+M Nr.	DN	R+M Nr.	DN	R+M Nr.	DN	R+M Nr.	DN	
317 25	6	317 26	6	316 902 2	6	316 902 29	6	316 901 2	6	317 606	6	
317 20	8	317 21	8	317 002 2	8	317 002 29	8	317 001 2	8	317 608	8	
317 30	10	317 31	10	317 102 2	10	317 102 29	10	317 101 2	10	317 610	10	
										317 02	6	
										317 01	8	
										317 03	10	
											317 102 49	10

Crimp nipples with quick screw coupling



» Hard PVC cover in yellow / black
 » Brass screw nut
 » Stainless steel swivel



QSC. M22. Crimp nipple zinc-plated steel
 QSC. M22. Swivel. Crimp nipple stainless steel
 1/4" M. Stainless steel. Single ball bearing. Max. 275 bar / 120 °C
 3/8" M. Stainless steel. Single ball bearing. Max. 275 bar / 120 °C
 1/4" F. Stainless steel. Single ball bearing. Max. 275 bar / 120 °C

R+M Nr.	DN	R+M Nr.	DN	R+M Nr.	DN	R+M Nr.	DN	R+M Nr.	DN
200 088 516	6	200 088 506	6	108 320 31	6	108 321 32	8	108 320 33	6
200 088 518	8	200 088 508	8						
200 088 520	10	200 088 510	10						

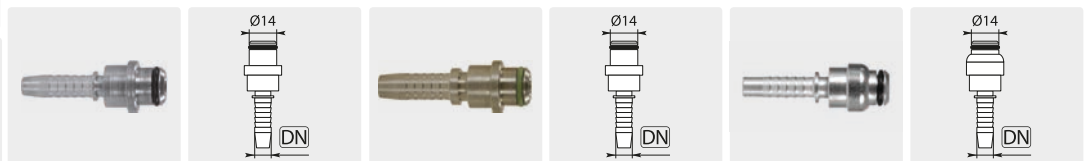
Crimp nipples with quick screw coupling for hose reels



QSC. M22. Screw nut brass. Crimp nipple stainless steel

R+M Nr.	DN
317 062 209	6
317 082 209	8

Crimp nipples



For quick screw. Zinc-plated steel. Type 01

R+M Nr.	DN
100 001 942	6
100 001 940	8
100 001 944	10

For quick screw. Stainless steel. Type 02

R+M Nr.	DN
040 001 942	6
040 001 940	8
040 001 944	10
040 001 945	12







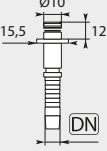
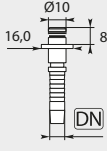
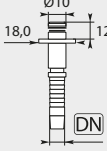
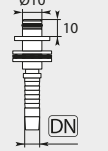
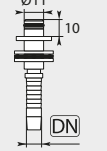
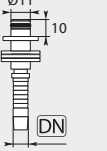
For quick screw. Zinc-plated steel. Type 01

R+M Nr.	DN
317 00	8
317 10	10

Symbols \square DN nominal diameter \varnothing diameter \square VPE packing unit \square TYP type

Crimp nipples

Crimp nipples


																																			
																																			
Plug. Zinc-plated steel. Type 03 & 04	Plug. Brass. Type 03	Plug. Zinc-plated steel. Type 03 & 04	Swivel \varnothing 10 mm. Stainless steel. Type 03 & 04	Swivel \varnothing 11 mm. Stainless steel. Type 03 & 04	Swivel \varnothing 11 mm. Zinc-plated steel. Type 03 & 04																														
<table border="1"><thead><tr><th>R+M Nr.</th><th>DN</th></tr></thead><tbody><tr><td>316 95</td><td>6</td></tr><tr><td>316 98</td><td>8</td></tr></tbody></table>	R+M Nr.	DN	316 95	6	316 98	8	<table border="1"><thead><tr><th>R+M Nr.</th><th>DN</th></tr></thead><tbody><tr><td>316 951 6</td><td>6</td></tr></tbody></table>	R+M Nr.	DN	316 951 6	6	<table border="1"><thead><tr><th>R+M Nr.</th><th>DN</th></tr></thead><tbody><tr><td>316 951 8</td><td>6</td></tr></tbody></table>	R+M Nr.	DN	316 951 8	6	<table border="1"><thead><tr><th>R+M Nr.</th><th>DN</th></tr></thead><tbody><tr><td>316 93</td><td>6</td></tr></tbody></table>	R+M Nr.	DN	316 93	6	<table border="1"><thead><tr><th>R+M Nr.</th><th>DN</th></tr></thead><tbody><tr><td>316 94</td><td>6</td></tr><tr><td>316 96</td><td>8</td></tr><tr><td>316 961 0</td><td>10</td></tr></tbody></table>	R+M Nr.	DN	316 94	6	316 96	8	316 961 0	10	<table border="1"><thead><tr><th>R+M Nr.</th><th>DN</th></tr></thead><tbody><tr><td>316 961</td><td>8</td></tr></tbody></table>	R+M Nr.	DN	316 961	8
R+M Nr.	DN																																		
316 95	6																																		
316 98	8																																		
R+M Nr.	DN																																		
316 951 6	6																																		
R+M Nr.	DN																																		
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R+M Nr.	DN																																		
316 93	6																																		
R+M Nr.	DN																																		
316 94	6																																		
316 96	8																																		
316 961 0	10																																		
R+M Nr.	DN																																		
316 961	8																																		

Crimp nipples

Crimp nipples

Seal kits crimp nipples

Seal kit ST-44

	1/4" F. Stainless steel																																		
<table border="1"><thead><tr><th>R+M Nr.</th><th>DN</th></tr></thead><tbody><tr><td>314 79</td><td>6</td></tr><tr><td>314 89</td><td>8</td></tr><tr><td>314 99</td><td>10</td></tr></tbody></table>	R+M Nr.	DN	314 79	6	314 89	8	314 99	10		O-ring. Type 01	O-ring. Viton. Type 02	O-ring. Type 03	Back ring. Type 04	O-ring. Type 05																					
R+M Nr.	DN																																		
314 79	6																																		
314 89	8																																		
314 99	10																																		
		<table border="1"><thead><tr><th>R+M Nr.</th><th>VPE</th></tr></thead><tbody><tr><td>790 10</td><td>1</td></tr><tr><td>790 100</td><td>100</td></tr></tbody></table>	R+M Nr.	VPE	790 10	1	790 100	100	<table border="1"><thead><tr><th>R+M Nr.</th><th>VPE</th></tr></thead><tbody><tr><td>790 20</td><td>1</td></tr><tr><td>790 201 00</td><td>100</td></tr></tbody></table>	R+M Nr.	VPE	790 20	1	790 201 00	100	<table border="1"><thead><tr><th>R+M Nr.</th><th>TYP</th></tr></thead><tbody><tr><td>790 55</td><td>10 mm</td></tr><tr><td>790 57</td><td>11 mm</td></tr></tbody></table>	R+M Nr.	TYP	790 55	10 mm	790 57	11 mm	<table border="1"><thead><tr><th>R+M Nr.</th><th>TYP</th></tr></thead><tbody><tr><td>790 58</td><td>10 mm</td></tr><tr><td>790 59</td><td>11 mm</td></tr></tbody></table>	R+M Nr.	TYP	790 58	10 mm	790 59	11 mm	<table border="1"><thead><tr><th>R+M Nr.</th></tr></thead><tbody><tr><td>791 032 4</td></tr></tbody></table>	R+M Nr.	791 032 4	<table border="1"><thead><tr><th>R+M Nr.</th></tr></thead><tbody><tr><td>568 001 1</td></tr></tbody></table>	R+M Nr.	568 001 1
R+M Nr.	VPE																																		
790 10	1																																		
790 100	100																																		
R+M Nr.	VPE																																		
790 20	1																																		
790 201 00	100																																		
R+M Nr.	TYP																																		
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790 59	11 mm																																		
R+M Nr.																																			
791 032 4																																			
R+M Nr.																																			
568 001 1																																			

Quick screws











Quick screw for crimp nipples

- » M22 F.
- » Stainless steel.
- » Max. 500 bar

																									
	<table border="1"><thead><tr><th>R+M Nr.</th><th>\varnothing</th></tr></thead><tbody><tr><td>319 209</td><td>16.4</td></tr></tbody></table>	R+M Nr.	\varnothing	319 209	16.4	<table border="1"><thead><tr><th>R+M Nr.</th><th>\varnothing</th></tr></thead><tbody><tr><td>319 219</td><td>16.4</td></tr></tbody></table>	R+M Nr.	\varnothing	319 219	16.4	<table border="1"><thead><tr><th>R+M Nr.</th><th>\varnothing</th></tr></thead><tbody><tr><td>319 269</td><td>16.4</td></tr></tbody></table>	R+M Nr.	\varnothing	319 269	16.4	<table border="1"><thead><tr><th>R+M Nr.</th><th>\varnothing</th></tr></thead><tbody><tr><td>319 259</td><td>16.4</td></tr></tbody></table>	R+M Nr.	\varnothing	319 259	16.4	HEX 24 <table border="1"><thead><tr><th>R+M Nr.</th><th>\varnothing</th></tr></thead><tbody><tr><td>040 000 824</td><td>16.4</td></tr></tbody></table>	R+M Nr.	\varnothing	040 000 824	16.4
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Quick screw for crimp nipples

- » Brass.
- » Max. 400 bar

																									
	M22 F <table border="1"><thead><tr><th>R+M Nr.</th><th>\varnothing</th></tr></thead><tbody><tr><td>319 20</td><td>16.4</td></tr></tbody></table>	R+M Nr.	\varnothing	319 20	16.4	M22 F <table border="1"><thead><tr><th>R+M Nr.</th><th>\varnothing</th></tr></thead><tbody><tr><td>319 21</td><td>16.4</td></tr></tbody></table>	R+M Nr.	\varnothing	319 21	16.4	M22 F <table border="1"><thead><tr><th>R+M Nr.</th><th>\varnothing</th></tr></thead><tbody><tr><td>319 26</td><td>16.4</td></tr></tbody></table>	R+M Nr.	\varnothing	319 26	16.4	M22 F <table border="1"><thead><tr><th>R+M Nr.</th><th>\varnothing</th></tr></thead><tbody><tr><td>319 25</td><td>16.4</td></tr></tbody></table>	R+M Nr.	\varnothing	319 25	16.4	M22 F. HEX 24 <table border="1"><thead><tr><th>R+M Nr.</th><th>\varnothing</th></tr></thead><tbody><tr><td>010 000 721</td><td>16.4</td></tr></tbody></table>	R+M Nr.	\varnothing	010 000 721	16.4
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319 10	16.4																								
R+M Nr.	\varnothing																								
319 231	17.3																								

Quick screw for crimp nipples

- » Zinc-plated steel.
- » Max. 400 bar

new

M22 x 1.5 F

R+M Nr.	\varnothing
319 28	16.3

Crimp cartridges suitable for different hose models

Plastic

DN	R+M Nr.	hoses	TYP	∅	l	M
5	310 10	RR-120	ns	11.2 mm	17 mm	zinc-plated steel
5	310 10	RR-200	ns	11.2 mm	17 mm	zinc-plated steel
6	310 20	6-160	ns	13.3 mm	25 mm	zinc-plated steel
5	310 10	blupur	ns	11.2 mm	17 mm	zinc-plated steel
6	310 20	CARWASH COMFORT	ns	13.3 mm	25 mm	zinc-plated steel
6	310 209	CARWASH COMFORT	ns	13.3 mm	25 mm	stainless steel
8	310 807 08	CARWASH COMFORT	ns	15.3 mm	30 mm	zinc-plated steel
12	313 301	blufood	ns	23.0 mm	34 mm	zinc-plated steel
12	313 329	blufood	ns	23.1 mm	34 mm	stainless steel
12	313 329	PURClean365+	ns	25.1 mm	34 mm	stainless steel

1ST

DN	R+M Nr.	hoses	TYP	∅	l	M
8	312 10	1ST	s	14.0 mm	31 mm	zinc-plated steel
8	312 19	1ST	s	14.0 mm	31 mm	stainless steel
10	313 10	1ST	s	16.6 mm	32 mm	zinc-plated steel
10	313 19	1ST	s	16.6 mm	32 mm	stainless steel
12	313 30	1ST	s	20.5 mm	34 mm	zinc-plated steel
12	313 39	1ST	s	19.4 mm	34 mm	stainless steel
16	313 40	1ST	s	24.0 mm	37 mm	zinc-plated steel
16	313 49	1ST	s	24.0 mm	37 mm	stainless steel
20	314 00	1ST	s	27.1 mm	43 mm	zinc-plated steel
20	313 59	1ST	s	27.8 mm	43 mm	stainless steel

1SC / 1SN

DN	R+M Nr.	hoses	TYP	∅	l	M
6	312 05	1SC compact	s	12.3 mm	31 mm	zinc-plated steel
6	312 00	1SN	s	13.2 mm	30 mm	zinc-plated steel
6	312 001	1SN	ns	14.4 mm	31 mm	zinc-plated steel
6	312 09	1SN	s	13.1 mm	30 mm	stainless steel
8	312 10	1SN 210 bar	s	14.0 mm	31 mm	zinc-plated steel
8	312 101	1SN 210 bar	ns	16.0 mm	30 mm	zinc-plated steel
8	312 19	1SN 210 bar	s	14.0 mm	31 mm	stainless steel
8	312 191	1SN 210 bar	ns	17.8 mm	31 mm	stainless steel
8	312 10	1SN 315 bar	s	14.0 mm	31 mm	zinc-plated steel
8	312 101	1SN 315 bar	ns	16.0 mm	30 mm	zinc-plated steel
8	312 19	1SN 315 bar	s	14.0 mm	31 mm	stainless steel
8	312 191	1SN 315 bar	ns	17.8 mm	31 mm	stainless steel
10	313 10	1SN	s	16.6 mm	32 mm	zinc-plated steel
10	313 101	1SN	ns	18.3 mm	32 mm	zinc-plated steel
10	313 19	1SN	s	16.6 mm	32 mm	stainless steel
10	313 191	1SN	ns	20.0 mm	34 mm	stainless steel
10	313 192	1SN	ns	19.6 mm	32 mm	stainless steel
12	313 30	1SN	s	20.5 mm	34 mm	zinc-plated steel
12	313 39	1SN	s	19.4 mm	34 mm	stainless steel
12	313 319	1SN	ns	22.7 mm	34 mm	stainless steel
16	313 40	1SN	s	24.0 mm	37 mm	zinc-plated steel
16	313 401	1SN	ns	32.0 mm	37 mm	zinc-plated steel
16	313 49	1SN	s	24.0 mm	37 mm	stainless steel
20	314 00	1SN	s	27.1 mm	43 mm	zinc-plated steel
20	313 59	1SN	s	27.8 mm	43 mm	stainless steel
20	313 69	1SN	ns	30.3 mm	42 mm	stainless steel
25	313 601	1SN	ns	36.8 mm	50 mm	zinc-plated steel
25	313 659	1SN	ns	39.0 mm	48 mm	stainless steel



2ST / 2SN

DN	R+M Nr.	hoses	TYP	∅	l	M
6	312 04	2ST / 2SN	s	14.2 mm	30 mm	zinc-plated steel
8	312 20	2ST / 2SN	s	15.7 mm	30 mm	zinc-plated steel
8	312 29	2ST / 2SN	s	15.7 mm	30 mm	stainless steel
8	312 201	2SN	ns	15.7 mm	30 mm	zinc-plated steel
10	313 192	2SN	ns	19.6 mm	32 mm	stainless steel
10	313 192	2ST	s	19.6 mm	32 mm	stainless steel
10	313 20	2ST / 2SN	s	18.1 mm	32 mm	zinc-plated steel
10	313 29	2ST / 2SN	s	18.0 mm	32 mm	stainless steel
10	313 201	2SN	ns	18.0 mm	32 mm	zinc-plated steel
12	313 35	2ST / 2SN	s	22.0 mm	34 mm	zinc-plated steel
12	313 359	2ST / 2SN	s	21.0 mm	35 mm	stainless steel
20	313 69	2SN	ns	30.3 mm	42 mm	stainless steel
20	313 69	2ST	s	30.3 mm	42 mm	stainless steel
25	313 601	2SN	ns	36.8 mm	50 mm	zinc-plated steel
25	313 659	2SN	ns	39.0 mm	48 mm	stainless steel
25	313 659	2ST	s	39.0 mm	48 mm	stainless steel

2SC

DN	R+M Nr.	hoses	TYP	∅	l	M
6	312 00	2SC	s	13.2 mm	30 mm	zinc-plated steel
6	312 09	2SC	s	13.1 mm	30 mm	stainless steel
8	312 10	2SC	s	14.0 mm	31 mm	zinc-plated steel
8	312 19	2SC	s	14.0 mm	31 mm	stainless steel
10	313 10	2SC	s	16.6 mm	32 mm	zinc-plated steel
10	313 19	2SC	s	16.6 mm	32 mm	stainless steel
10	313 192	2SC	ns	19.6 mm	32 mm	stainless steel
12	313 39	2SC	s	19.4 mm	34 mm	stainless steel
20	313 69	2SC	ns	30.3 mm	42 mm	stainless steel
25	313 659	2SC	ns	39.0 mm	48 mm	stainless steel

R+M

DN	R+M Nr.	hoses	TYP	∅	l	M
4	310 05	R+M 1 Bronze	ns	10.3 mm	12 mm	zinc-plated steel
6	310 20	Flexy 300	ns	13.3 mm	25 mm	zinc-plated steel
6	310 209	Flexy 300	ns	13.3 mm	25 mm	stainless steel
6	312 09	Flexy 500	ns	13.1 mm	30 mm	stainless steel
10	313 10	Galvanator	s	16.5 mm	32 mm	zinc-plated steel
10	313 19	Galvanator	s	16.6 mm	32 mm	stainless steel
10	313 15	2SC 500 bar	s	18.3 mm	34 mm	zinc-plated steel
10	313 29	2SN 500 bar	s	18.0 mm	32 mm	stainless steel
10	313 19	2SC 500 bar	s	16.6 mm	22 mm	stainless steel
12	313 301	Foodjet	ns	23.0 mm	34 mm	zinc-plated steel
12	313 319	Foodjet	ns	22.7 mm	34 mm	stainless steel

s = to skive, ns = not to skive

Reusable screw nipples

Reusable screw nipples, BSP thread

» Zinc-plated steel



DN	⊘	R+M Nr.	TYP
6	1/4"	328 05	DKR
8	3/8"	328 20	DKR
10	3/8"	328 40	DKR
12	1/2"	328 46	DKR

Reusable screw nipples with metric thread

» Zinc-plated steel



DN	⊘	R+M Nr.	TYP	R+M Nr.	TYP	R+M Nr.	TYP
6	M14 x 1.5	328 48	DKOL				
8	M16 x 1.5	328 60	DKOL	328 50	CEL		
8	M22 x 1.5					320 60	QSC
10	M18 x 1.5	328 80	DKOL	328 70	CEL		

Screw cartridges



» Zinc-plated steel
» Not to skive

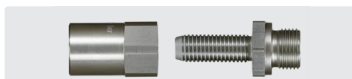
Hose with single wire braid - SAE 100

R+M Nr.	DN	hose
327 05	6	1SN 06
327 15	8	1SN 08
327 35	10	1SN 10
327 55	12	1SN 12

Hose with double wire braid - DIN standard

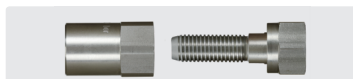
R+M Nr.	DN	hose
327 25	8	2SN 08
327 45	10	2SN 10

Screw fittings for bluflood®



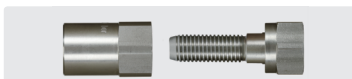
1/2" M with 60° cone. Stainless steel.
Max. 50 bar

R+M Nr.	DN
329 012 129	12



1/2" F with 60° cone. Stainless steel.
Max. 50 bar

R+M Nr.	DN
329 112 129	12



DKR 1/2" flat sealing. Stainless steel.
Max. 50 bar.

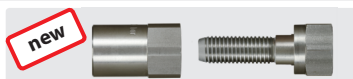
R+M Nr.	DN
329 312 129	12

Screw fittings for PUREClean365+®



1/2" M with 60° cone. Stainless steel.
Max. 50 bar

R+M Nr.	DN
329 412 129	12



1/2" F with 60° cone. Stainless steel.
Max. 50 bar

R+M Nr.	DN
329 512 129	12



1/2" F. Stainless steel. Max. 50 bar.
Flat sealing

R+M Nr.	DN
329 612 129	12

Hose fittings pre-assembled

suitable for bluflood and PUREClean365+®



AGR 1/2". Stainless steel. Max. 150 bar

R+M Nr.	DN
315 665	12



DKR 1/2". Stainless steel. Max. 150 bar

R+M Nr.	DN
316 429 5	12



Symbols DN nominal diameter ⊘ diameter I height M material TYP type ⊙ thread

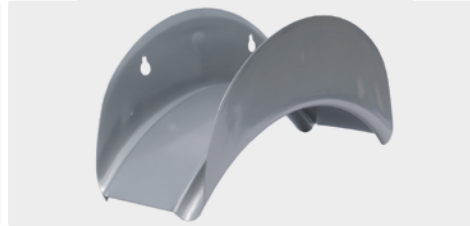
Hose holder

Hose holder



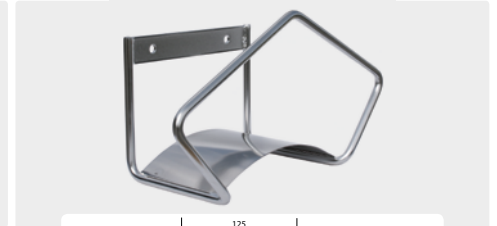
Holding capacity 1/2" = 40 m / 3/4" = 30 m. Hole size 140 mm. W x H x D = 260 x 170 x 170 mm

R+M Nr.	(M)
110 00	plastic



Holding capacity 1/2" = 40 m / 3/4" = 30 m. Hole size 140 mm. W x H x D = 280 x 140 x 130 mm

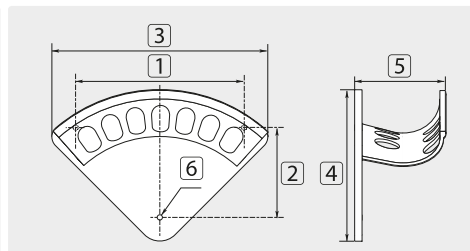
R+M Nr.	(M)
110 05	powder-coated steel



Holding capacity 1/2" = 40 m / 3/4" = 30 m. Hole size 125 mm. W x H x D = 360 x 200 x 170 mm

R+M Nr.	(M)
110 06	polished stainless steel, 1.4301

Hose holder



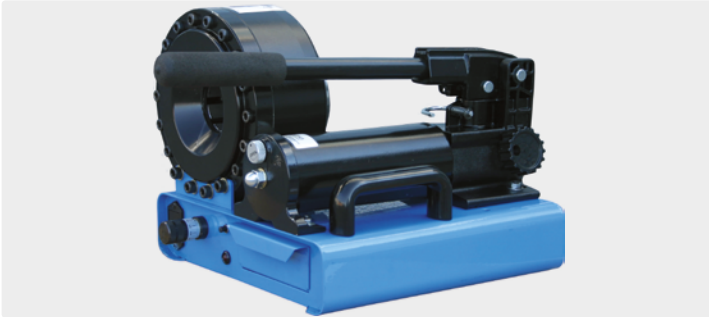
R+M Nr.	TYP	holding capacity	1	2	3	4	5	6
110 01	S	1/4" = 30 m / 3/8" = 20 m	155	77	188	145	70	∅ 5.5
110 02	M	3/8" = 30 m / 1/2" = 20 m	255	107	266	200	108	∅ 6.0
110 03	L	1/2" = 30 m / 3/4" = 20 m	272	145	348	255	143	∅ 8.0
110 031	XL	3/4" = 30 m / 1" = 20 m	366	162	417	307	187	∅ 10.0



Holder with hooks. Suitable for scaffolding

R+M Nr.	(M)
110 10	zinc-plated steel

Hose press

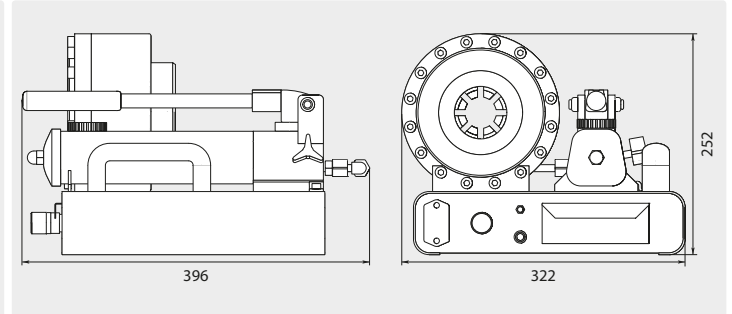


R+M Nr.	pressing jaws incl.
300 0	5 sets (12 - 27 mm)

The P16 HP hose press is an innovative, high quality machine which is especially designed for the assembly and repair of hose lines. The handling of the press is easily learnt. Fundamental features of the P16 HP:

- » access to press head on both sides
- » compact model
- » two-stage hand pump
- » variable adjustment of press measures
- » check of press measures by signal light
- » carrying handle
- » integrated drawer in the housing for storing the pressing jaws

* pressing jaws excluded



Spare pressing jaws

TYP	press area	R+M Nr.
P16 HP-10 *	10 - 12 mm	300 001 0
P16 HP-12	12 - 14 mm	300 001 2
P16 HP-14	14 - 16 mm	300 001 4
P16 HP-16	16 - 19 mm	300 001 6
P16 HP-19	19 - 23 mm	300 001 9
P16 HP-23	23 - 27 mm	300 002 3
P16 HP-27 *	27 - 31 mm	300 002 7
P16 HP-31 *	31 - 36 mm	300 003 1

Technical specifications

length of basic jaws	64 mm
max. opening diameter	min. press diameter + 20 mm
press performance	2-steel wire hose up to DN 25
press area	∅ 10 - 45 mm
max. press power	720 kN
power	3.62 cm ³ / 0.90 cm ³
pressure	14 bar / 630 bar
weight (without oil)	20 kg

Symbols ∅ diameter (M) material TYP type shipment by truck