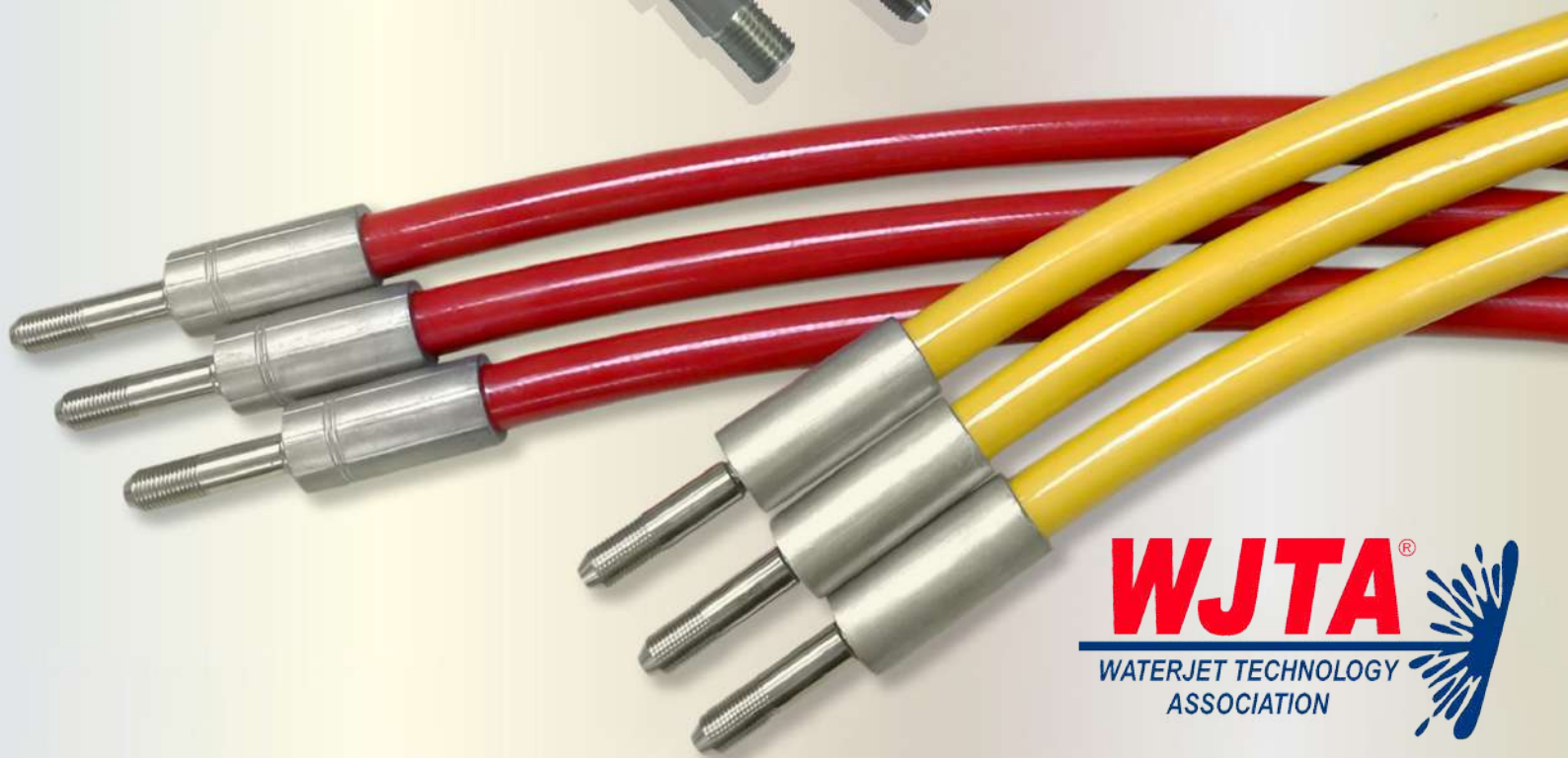
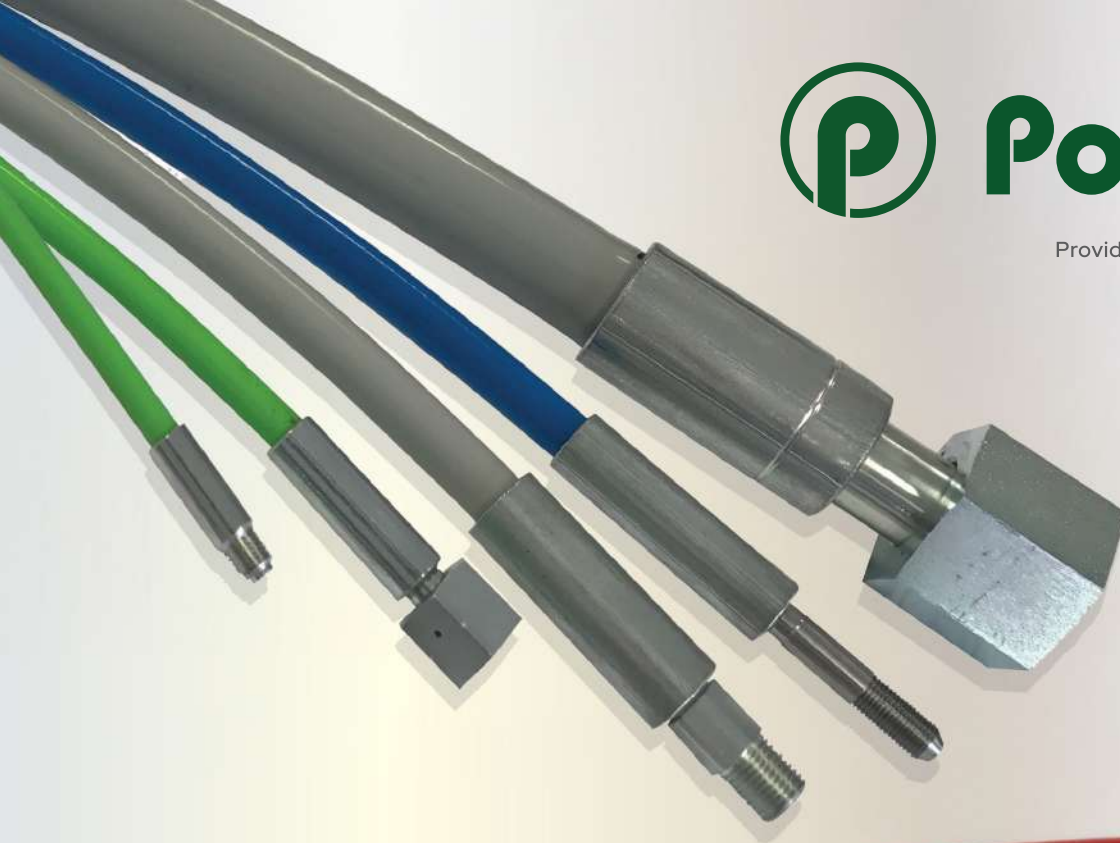




PolyhoseTM

Providing Flexible Solutions Globally



ULTRA HIGH PRESSURE HOSES & FITTINGS - 2026

ABOUT POLYHOSE UHP HOSES

Color-Coded Identification for Operational Efficiency

WJTA-IMCA Color Coding Scheme for Pressure Hoses – Maximum Working Pressure Applicable

 10,000 PSI / 690 Bar	 15,000 PSI / 1034 Bar	 20,000 PSI / 1379 Bar
 30,000 PSI / 2068 Bar	 40,000 PSI / 2758 Bar	 55,000 PSI / 3792 Bar

Polyhose UHP hoses are precision-engineered for extreme working environments and are distinctly color-coded for immediate identification of working pressure (W.P.).

Core: POM (Polyoxymethylene) or PA (Polyamide)

High rigidity, low friction, and excellent wear resistance

Top Layer: PA (Polyamide) or PUR (Polyurethane)

Exceptional mechanical strength and superior impact resistance

Whether used in hydrojetting systems, pipe cleaning equipment, or industrial water jetting units, our UHP hose assemblies ensure secure, leak-proof connections.

Further details and specifications are available in the full product catalogue.

All UHP hose assemblies are pressure-tested in accordance with European standards at our in-house production facility.

Each hose is assigned a unique serial number, which is indicated on the official pressure test certificate. The test certificate includes:

- Test date
- Working and test pressures
- Hose assembly details
- Pressure test graph
- Customer and order references

Each UHP hose assembly includes a label printed with all relevant data and its unique serial number for 100% traceability. This serial number is linked to a centralized database, enabling customers to verify:

- The hose's test certificate
- Manufacturing date
- Compliance with applicable safety and maintenance standards

Note: The pressure rating mentioned on the test certificate refers to the hose. The final permissible pressure may vary depending on the end fittings used in the assembly.

HOSE LISTINGS BY PRESSURE RATINGS (BAR / PSI)

UHP HOSE		Page No
Working Pressure: 440 bar to 900 bar (6380 PSI to 13050 PSI)		
PH902-12	2-SPIRAL, 520 BAR (7540 PSI)	83
PH902-06	2-SPIRAL, 690 BAR (10005 PSI)	61
PH902-08	2-SPIRAL, 690 BAR (10005 PSI)	69
PH904-16	4-SPIRAL, 900 BAR (13050 PSI)	89
Working Pressure: 1100 bar to 1280 bar (15000 PSI to 19000 PSI)		
PH902-02	2-SPIRAL, 1035 BAR (15000 PSI)	05
PH902-04	2-SPIRAL, 1035 BAR (15000 PSI)	31
PH902-05	2-SPIRAL, 1035 BAR (15000 PSI)	46
PH902-03	2-SPIRAL, 1040 BAR (15080 PSI)	20
PH902Q-05	2-SPIRAL & 2 OPEN WIRE, 1040 BAR (15080 PSI)	48
PH902Q-08	2-SPIRAL & 2 OPEN WIRE, 1040 BAR (15080 PSI)	70
PH902QZ-08	2-SPIRAL & 2 OPEN WIRE, 1040 BAR (15080 PSI)	71
PH904-12	4-SPIRAL, 1040 BAR (15080 PSI)	84
PH902R-04	2-SPIRAL, 1100 BAR (15950 PSI)	39
PH902Q-06	2-SPIRAL, 1100 BAR (15950 PSI)	63
PH902P-04	2-SPIRAL, 1120 BAR (16240 PSI)	33
PH902-025	2-SPIRAL, 1200 BAR (17400 PSI)	09
PH902P-025	2-SPIRAL, 1200 BAR (17400 PSI)	11
PH902QL-04	2-SPIRAL, 1200 BAR (17400 PSI)	37
PH904Q-12	2-SPIRAL, 1200 BAR (17400 PSI)	86
PH902Q-04	2-SPIRAL, 1280 BAR (18560 PSI)	35
Working Pressure: 1400 bar to 2000 bar (20000 PSI to 29000 PSI)		
PH902Q-025	2-SPIRAL, 1400 BAR (20300 PSI)	13
PH902R-025	2-SPIRAL, 1400 BAR (20300 PSI)	15
PH902R-03	2-SPIRAL, 1400 BAR (20300 PSI)	22
PH906-12	6-SPIRAL, 1400 BAR (20300 PSI)	87
PH906-16	6-SPIRAL, 1400 BAR (20300 PSI)	91
PH904R-08	4-SPIRAL, 1450 BAR (21025 PSI)	74
PH904-04	4-SPIRAL, 1500 BAR (21750 PSI)	42
PH904-05	4-SPIRAL, 1500 BAR (21750 PSI)	51
UHP HOSE		Page No
PH904-06	4-SPIRAL, 1500 BAR (21750 PSI)	66
PH904-03	4-SPIRAL, 1800 BAR (26100 PSI)	24
PH906-08	6-SPIRAL, 1800 BAR (26100 PSI)	76
PH906-06	6-SPIRAL, 1920 BAR (27840 PSI)	68
PH904-02	4-SPIRAL, 2000 BAR (29000 PSI)	07
PH906R-08	6-SPIRAL, 2000 BAR (29000 PSI)	78
Working Pressure: 2100 bar to 2500 bar (30000 PSI to 36250 PSI)		
PH906-05	4-SPIRAL, 2100 BAR (30450 PSI)	53
PH904-025	4-SPIRAL, 2200 BAR (31900 PSI)	17
PH906-03	6-SPIRAL, 2500 BAR (36250 PSI)	26
PH906R-05	6-SPIRAL, 2500 BAR (36250 PSI)	55
Working Pressure: 2800 bar to 3200 bar (40000 PSI to 46400 PSI)		
PH906-02	6-SPIRAL, 2800 BAR (40600 PSI)	08
PH906-025	6-SPIRAL, 2800 BAR (40600 PSI)	18
PH906R-03	6-SPIRAL, 2800 BAR (40600 PSI)	27
PH906R-04	6-SPIRAL, 2800 BAR (40600 PSI)	44
PH906RR-05	6-SPIRAL, 2800 BAR (40600 PSI)	57
PH908-08	8-SPIRAL, 2800 BAR (40600 PSI)	80
PH908-025	8-SPIRAL, 3200 BAR (46400 PSI)	19
PH908-03	8-SPIRAL, 3200 BAR (46400 PSI)	29
PH908-04	8-SPIRAL, 3200 BAR (46400 PSI)	45
PH908-05	8-SPIRAL, 3200 BAR (46400 PSI)	59
Hose for Hot Melt Adhesives, Hot Glue Dispensing, and Injection Molding Applications		
PH903-04	2-SPIRAL & SS BRAID, 500 BAR (7250 PSI)	41
PH903-05	2-SPIRAL & SS BRAID, 475 BAR (6888 PSI)	50
PH903-06	2-SPIRAL & SS BRAID, 450 BAR (6525 PSI)	65
PH903-08	2-SPIRAL & SS BRAID, 450 BAR (6525 PSI)	73
PH903-10	2-SPIRAL & SS BRAID, 400 BAR (5800 PSI)	82
PH903-12	2-SPIRAL & SS BRAID, 300 BAR (4350 PSI)	85
PH903-16	2-SPIRAL & SS BRAID, 275 BAR (3988 PSI)	88
PH903-20	2-SPIRAL & SS BRAID, 250 BAR (3625 PSI)	92

CARE & USE INSTRUCTIONS

Working Pressure

Ensure that the system's maximum operating pressure does not exceed the hose's rated working pressure as listed in the Polyhose UHP catalogue. Never select a hose with a lower working pressure than the system requirement. Also consider pressure surges, which may exceed normal operating levels.

Size

Choose a hose with an appropriate internal diameter (ID) to minimize back pressure. An undersized hose increases system pressure, leading to excessive heat generation and potential premature failure. Verify system flow rate to determine the correct hose ID.

Type of Fluid or Media

Hose compatibility is influenced by the media conveyed. Certain fluids and chemicals can degrade thermoplastic cores, leading to hose failure. Consult a Polyhose sales representative for media compatibility and appropriate hose selection.

Safety Factors

Polyhose UHP hoses adhere to industry-required working-to-burst safety ratios:

- Water Jet Technology Association (WJTA): 2.5:1 (water), 1:6 (gas)
- DIN & SAE: 4:1 for hydraulic applications
- BS EN 1829-2: 2.5:1 for pressures above 3000 bar.

Always apply the correct safety factor based on the specific application.

Temperature

Media and ambient temperatures must remain within the operating limits outlined in the Polyhose data sheets. Exceeding these can compromise hose integrity. Evaluate both the media temperature and the environmental temperature.

Permeation

Certain media, including gases, solvents (e.g., methanol, helium, natural gas), may permeate through the hose and degrade its structure. This risk applies even when pressure ratings are met. Select hoses designed specifically for permeation-sensitive applications.

End Fittings

A hose assembly's pressure capacity is governed by both the hose and the end fittings (e.g., NPT, BSP, JIC). Use compatible fittings rated for the application. Fittings may reduce the overall working pressure; always verify before use.

Environment

In dynamic applications, hoses are subject to movement, bending, flexing, and vibration. These stresses, if not accounted for, can reduce hose life and cause premature failure. Use support systems or select hoses rated for mechanical loads.

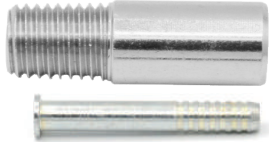
Note: Data is as published in Polyhose catalogues and literature. Specifications are subject to change without prior notice.

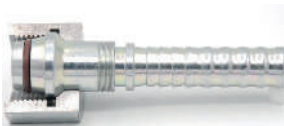


PH902 -02

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Pressure test equipment (valves, tooling, and control panels), Hydraulic tools (instrumentation packages for gauges, service equipment control, hydraulic jacks, and other hydraulic tools)
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	2 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Green
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
3.4	1/8"	6.9	0.272	1035	15000	2590	37555	60.0	2.40	0.072

Part No	Thread	Material	Nut	Material	Insert Pin	Sleeve (pic)
Sleeve						
73-UHP902-02		Carbon				
One piece male fittings						X
73-UHP902-02X48	1/16"x27NPTF	Carbon			UHP.02XWIB48	
One Piece Fittings with wrench size						XW
73-UHP902-02XW48	1/16"x27NPTF	Carbon			UHP.02XWIB48	
73-UHP902-02XW16	M6x1	Carbon			UHP.02XWIB16	
Male Fitting						1
UHP.02A1B40	G1/8"	Carbon				

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Femal Fitting no Swivel					2
UHP.02A2B40	G1/8"	Carbon			
HP Female swivel fitting (24° universal cone)					3
UHP.02A3B41	G1/4"	Carbon	A19A41	Carbon	
Metric female swivel Fitting with O-ring					6
UHP.02A6B26	M24x1.5	Carbon	A32A26	Carbon	

Note : Production-related deviations from the bursting pressure of up to 10% are possible The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions For gaseous media, the top cover must be "pricked" The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH904 -02

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Bolt tensioning, pressure testing, and hydraulic tool control Oil & Gas: Grease and chemical injection, subsea control, nitrogen and gas handling
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	4 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Blue
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
3.4	1/8"	8.0	0.315	2000	29000	5000	72500	110.0	4.30	0.135

Part No	Thread	Material	Nut	Sleeve (pic)
Sleeve				
73-UHP904-02		Carbon		
High pressure tube nipple UNF-LH thread				4
UHP.02B4B10	1/4"x28UNF LH	Carbon		
UHP.02B4B11	3/8"x24UNF LH	Carbon		
UHP.02B4I11	3/8"x24UNF LH	Stainless		

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure may be higher depending on the specific operating conditions. For gaseous media, the outer cover must be pricked to allow venting. The specified working pressure applies solely to the hose; depending on the type of fitting used, the working pressure for the complete hose assembly may be lower.



PH906 -02

Application : **Water Blast:** Surface prep, tank cleaning, UHP cutting, and hydro demolition
Hydraulics: Instrumentation, gauge control, jacks, and hydraulic tools

Inner Core : Polyoxymethylene (POM)
Constuction : 6 Spirals of high tensile steel wire
Cover : Polyamide (PA)
Colour : Orange
Temperature Range : -30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
3.0	1/8"	9.1	0.358	2800	40600	7000	101500	150.0	5.90	0.222

Part No	Thread	Material	Nut	Sleeve (pic)
Sleeve				
73-UHP906-02		Carbon		
High pressure tube nipple UNF-LH thread				4
UHP.02C4D10	1/4"x28UNF LH	Stainless		
UHP.02C4D11	3/8"x24UNF LH	Stainless		

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH902 -025

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Pressure test equipment (valves, tooling, and control panels), Hydraulic tools (instrumentation packages for gauges, service equipment control, hydraulic jacks, and other hydraulic tools)
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	2 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Green
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
4.0	5/32"	8.0	0.315	1200	17400	3000	43500	75.0	3.00	0.11

Part No	Thread	Material	Nut	Material	Insert Pin	Sleeve (pic)
Sleeve						
73-UHP902-025		Carbon				
One piece male fittings						X
73-UHP902-025X49	1/8"x27NPTF	Carbon			UHP.025XWIB49	
One Piece male fittings with wrench size						XW
73-UHP902-025XW48	1/16"x27NPTF	Carbon			UHP.025XWIB48	
73-UHP902-025XW49	1/8"x27NPTF	Carbon			UHP.025XWIB49	

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Male fitting					1
UHP.025A1B17	M7x1	Carbon			
UHP.025A1B18	M8x1	Carbon			
UHP.025A1B181	M8x1.25	Carbon			
UHP.025A1B40	G1/8"	Carbon			
UHP.025A1B48	1/16"x27NPTF	Carbon			
UHP.025A1B55	1/4"x28UNF	Carbon			
UHP.025A1I18	M8x1	Stainless			
UHP.025A1I70	1/4"NPT	Stainless			
HP Female swivel fitting (24° universal cone)					3
UHP.025A3B41	G1/4"	Carbon	A19A41	Carbon	
			A19I41	Stainless	
High pressure tube nipple UNF-LH thread					4
UHP.025A4I10	1/4"x28UNF LH	Stainless			
UHP.025A4I10	1/4"x28UNF LH	Stainless			
UHP.025A4B11	3/8"x24UNF LH	Carbon			
Metric female swivel Fitting with O-ring					6
UHP.025A6B26	M24x1.5	Carbon	A32A26	Carbon	
			A32I26	Stainless	
Type "M" female swivel Fitting					7
UHP.025A7B60	9/16"x18UNF	Carbon	A19A60	Carbon	
UHP.025A7I60	9/16"x18UNF	Stainless	A19I60	Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH902P -025

Application	:	Hydraulics: Hydraulic tools, including instrumentation packages for gauges, control systems for service equipment, hydraulic jacks, & various hydraulic tools. Oil and Gas: Grease injection systems and control mechanisms for subsea hydraulic components.
Inner Core	:	Polyamide (PA)
Constuction	:	2 Spirals of high-tensile steel wire, 1 braid of steel wire
Cover	:	Polyurethane (PUR)
Colour	:	Black
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
4.0	5/32"	9.8	0.386	1200	17400	3000	43500	65.0	2.60	0.185

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP902P-025		Carbon			
Male fitting					1
UHP.025A1B17	M7x1	Carbon			
UHP.025A1B18	M8x1	Carbon			
UHP.025A1B181	M8x1.25	Carbon			
UHP.025A1B40	G1/8"	Carbon			
UHP.025A1B48	1/16"x27NPTF	Carbon			
UHP.025A1B55	1/4"x28UNF	Carbon			
UHP.025A1I18	M8x1	Stainless			
UHP.025A1I70	1/4"NPT	Stainless			

Part No	Thread	Material	Nut	Material	Sleeve (pic)	
HP Female swivel fitting (24° universal cone)					3	
UHP.025A3B41	G1/4"	Carbon	A19A41	Carbon		
High pressure tube nipple UNF-LH thread						4
UHP.025A4B10	1/4"x28UNF LH	Carbon				
UHP.025A4B11	3/8"x24UNF LH	Carbon				
UHP.025A4I10	1/4"x28UNF LH	Stainless				
Metric female swivel Fitting with O-ring					6	
UHP.025A6B26	M24x1.5	Carbon	A32A26	Carbon		

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH902Q -025

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Pressure testing equipment (valves, tooling, and control panels); hydraulic tools including instrumentation packages for gauges, service equipment control, hydraulic jacks, and other hydraulic tools Oil and Gas: Grease injection systems; control of subsea hydraulic components
Inner Core	:	Polyamide (PA)
Constuction	:	4 Spirals of high-tensile steel wire, 2 dense and 2 open layers
Cover	:	Polyurethane (PUR)
Colour	:	Black
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
4.0	5/32"	9.8	0.386	1400	20300	3500	50750	65.0	2.60	0.16

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP902-025		Carbon			
Male fitting					
UHP.025A1B17	M7x1	Carbon			
UHP.025A1B18	M8x1	Carbon			
UHP.025A1B181	M8x1.25	Carbon			
UHP.025A1B40	G1/8"	Carbon			
UHP.025A1B48	1/16"x27NPTF	Carbon			
UHP.025A1B55	1/4"x28UNF	Carbon			
UHP.025A1I18	M8x1	Stainless			
UHP.025A1I70	1/4"NPT	Stainless			

Part No	Thread	Material	Nut	Material	Sleeve (pic)
HP Female swivel fitting (24° universal cone)					3
UHP.025A3B41	G1/4"	Carbon	A19A41	Carbon	
High pressure tube nipple UNF-LH thread					
UHP.025A4I10	1/4"x28UNF LH	Stainless-			
UHP.025A4B11	3/8"x24UNF LH	Carbon			
UHP.025A4I10	1/4"x28UNF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.025A6B26	M24x1.5	Carbon	A32A26	Carbon	
Type "M" female swivel Fitting					7
UHP.025A7B60	9/16"x18UNF	Carbon	A19A60	Carbon	
UHP.025A7I60	9/16"x18UNF	Stainless	A19I60	Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.

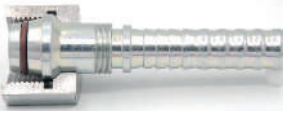


PH902R -025

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Pressure testing equipment (valves, tooling, and control panels); hydraulic tools including instrumentation packages for gauges, service equipment control, hydraulic jacks, and other hydraulic tools
Inner Core	:	Polytetrafluorethylen (PTFE)
Constuction	:	2 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Blue
Temperature Range	:	-30°C to +70°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
4.0	5/32"	8.1	0.319	1400	20300	3500	50750	75.0	3.00	0.112

Part No	Thread	Material	Nut	Material	Insert Pin	Sleeve (pic)
Sleeve						
73-UHP902R-025		Carbon				
One piece male fittings						
73-UHP902-025X49	1/8"x27NPTF	Carbon			UHP.025XWIB49	
One Piece male fittings with wrench size						
73-UHP902-025XW48	1/16"x27NPTF	Carbon			UHP.025XWIB48	
73-UHP902-025XW49	1/8"x27NPTF	Carbon			UHP.025XWIB49	

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Male fitting					1
UHP.025A1B17	M7x1	Carbon			
UHP.025A1B18	M8x1	Carbon			
UHP.025A1B181	M8x1.25	Carbon			
UHP.025A1B40	G1/8"	Carbon			
UHP.025A1B48	1/16"x27NPTF	Carbon			
UHP.025A1B55	1/4"x28UNF	Carbon			
UHP.025A1I18	M8x1	Stainless			
UHP.025A1I70	1/4"NPT	Stainless			
HP Female swivel fitting (24° universal cone)					3
UHP.025A3B41	G1/4"	Carbon	A19A41	Carbon	
High pressure tube nipple UNF-LH thread					4
UHP.025A4I10	1/4"x28UNF LH	Stainless			
UHP.025A4B11	3/8"x24UNF LH	Carbon			
UHP.025A4I10	1/4"x28UNF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.025A6B26	M24x1.5	Carbon	A32A26	Carbon	
Type "M" female swivel Fitting					7
UHP.025A7B60	9/16"x18UNF	Carbon	A19A60	Carbon	
UHP.025A7I60	9/16"x18UNF	Stainless	A19I60	Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH904 - 025

Application	:	Water Blast: Tube cleaning for heat exchangers Hydraulics: Bolt tensioning, pressure testing (valves, tooling, control panels), hydraulic tools (jacks, gauges, service control) Oil & Gas: Grease and chemical injection, subsea hydraulic control, nitrogen services, gaseous media handling
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	4 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Silver
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
4.0	5/32"	10.3	0.406	2200	31900	5500	79750	130.0	5.10	0.234

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP904-025		Carbon			
HP Female swivel fitting (24° universal cone)					3
UHP.025A3B41	G1/4"	Carbon	A19A41	Carbon	
High pressure tube nipple UNF-LH thread					4
UHP.025C4D03	M14x1.5 LH	Stainless			
UHP.025C4E10	1/4"x28UNF LH	Stainless			
UHP.025C4D11	3/8"x24UNF LH	Stainless			
UHP.025C4D12	9/16"x18UNF LH	Stainless			
Type "M" female swivel Fitting					7
UHP.025C7D60	9/16"x18UNF	Stainless	A19I60	Stainless	



PH906 -025

- Application

:

Water Blast: Surface prep, tank/vessel cleaning, UHP waterjet cutting & hydrodemolition

Hydraulics: Tools for gauges, service control, jacks, & specialized applications
- Inner Core

:

Polyoxymethylene (POM)
- Constuction

:

6 Spirals of high tensile steel wire
- Cover

:

Polyamide (PA)
- Colour

:

Orange
- Temperature Range

:

-30°C to +60°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
4.0	5/32"	11.5	0.453	2800	40600	7000	101500	175.0	6.90	0.365

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP906-025		Carbon			
HP Female swivel fitting (24° universal cone)					3
UHP.025C3D41	G1/4"	Stainless	A19A41	Carbon	
High pressure tube nipple UNF-LH thread					4
UHP.025C4D03	M14x1.5 LH	Stainless			
UHP.025C4E10	1/4"x28UNF LH	Stainless			
UHP.025C4D11	3/8"x24UNF LH	Stainless			
UHP.025C4D12	9/16"x18UNF LH	Stainless			
Type "M" female swivel Fitting					7
UHP.025C7D60	9/16"x18UNF	Stainless	A19I60	Stainless	



PH908 -025

Application	:	Water Blast: Tube cleaning, surface prep (concrete, paint, buildings), tank/vessel cleaning, UHP cutting & hydrodemolition Hydraulics: Pressure testing (valves, tooling, panels), hydraulic tools (gauges, jacks, control systems), hydroforming Oil & Gas: Gaseous media handling
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	6 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Orange
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
4.0	5/32"	12.8	0.504	3200	46400	8000	116000	175.0	6.90	0.54

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP908-025		Carbon			
HP Female swivel fitting (24° universal cone)					3
UHP.025C3D41	G1/4"	Carbon	A19A41 A19I41		
High pressure tube nipple UNF-LH thread					4
UHP.025C4D03	M14x1.5 LH	Stainless			
UHP.025C4D10	1/4"x28UNF LH	Stainless			
UHP.025C4D11	3/8"x24UNF LH	Stainless			
UHP.025C4D1	9/16"x18UNF LH	Stainless			
Type "M" female swivel Fitting					7
UHP.025C7D60	9/16"x18UNF	Stainless	A19I60		



PH902 –03

- Application

:

Water Blast: Heat exchanger tube cleaning

Hydraulics: Pressure testing equipment (valves, tooling, and control panels); hydraulic tools (instrumentation packages for gauges, service equipment control, hydraulic jacks, and other hydraulic tools)
- Inner Core

:

Polyoxymethylene (POM)
- Constuction

:

2 Spirals of high tensile steel wire
- Cover

:

Polyamide (PA)
- Colour

:

Green
- Temperature Range

:

-30°C to +60°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
5.0	3/16"	9.4	0.370	1040	15080	2600	37700	95.0	3.70	0.125

Part No	Thread	Material	Nut	Material	Insert Pin	Sleeve (pic)
Sleeve						
73-UHP902-03		Carbon				
One piece male fittings						X
73-UHP902-03X49	1/8"x27NPTF	Carbon			UHP.03X1B49	
One Piece male fittings with wrench size						XW
73-UHP902-03XW49	1/8"x27NPTF	Carbon			UHP.03XW1B49	
73-UHP902-03XW48	1/16"x27NPTF	Carbon			UHP.03Xw1B48	
73-UHP902-03XW69	1/8"NPT	Carbon			UHP.03XW1B49	

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Male fitting					1
UHP.03A1A18	M8x1	Carbon			
UHP.03A1A40	G1/8"	Carbon			
UHP.03A1A41	G1/4"	Carbon			
UHP.03A1A49	1/8"x27NPTF	Carbon			
UHP.03A1A57	3/8"x24UNF	Carbon			
UHP.03A1A70	1/4"NPT	Carbon			
HP Female swivel fitting (24° universal cone)					3
UHP.03A3A41	G1/4"	Carbon	A19A41	Carbon	
UHP.03A3A21	M14x1.5	Carbon	A19A21	Carbon	
High pressure tube nipple UNF-LH thread					4
UHP.03A3A12	9/16"x18UNF LH	Carbon			
UHP.03A3I11	3/8"x24UNF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.03A6A26	M24x1.5	Carbon	A32A26	Carbon	
Type "M" female swivel Fitting					7
UHP.03A7A60	9/16"x18UNF	Carbon	A19A60	Carbon	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH902R -03

- Application

:

Water Blast: Heat exchanger tube cleaning

Hydraulics: Pressure testing equipment (valves, tooling, and control panels), hydraulic tools (instrumentation packages for gauges, service equipment control, hydraulic jacks, and various hydraulic tools)
- Inner Core

:

Polytetrafluorethylen (PTFE)
- Constuction

:

2 Spirals of high tensile steel wire
- Cover

:

Polyamide (PA)
- Colour

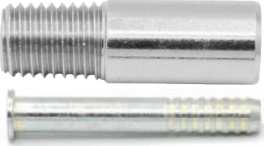
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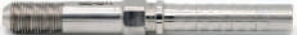
Blue
- Temperature Range

:

-30°C to +70°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
4.9	3/16"	9.5	0.375	1400	20300	3500	50750	95.0	3.70	0.148

Part No	Thread	Material	Nut	Material	Insert Pin	Sleeve (pic)
Sleeve						
73-UHP902R-03		Carbon				
One piece male fittings						x
73-UHP902-03X49	1/8"x27NPTF	Carbon			UHP.03X1B49	
One Piece male fittings with wrench size						xw
73-UHP902-03XW49	1/8"x27NPTF	Carbon			UHP.03XW1B49	
73-UHP902-03XW48	1/16"x27NPTF	Carbon			UHP.03Xw1B48	
73-UHP902-03XW69	1/8"NPT	Carbon			UHP.03XW1B49	

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Male fitting					1
UHP.03A1A18	M8x1	Carbon			
UHP.03A1A40	G1/8"	Carbon			
UHP.03A1A41	G1/4"	Carbon			
UHP.03A1A49	1/8"x27NPTF	Carbon			
UHP.03A1A57	3/8"x24UNF	Carbon			
UHP.03A1A70	1/4"NPT	Carbon			
HP Female swivel fitting (24° universal cone)					3
UHP.03A3A41	G1/4"	Carbon	A19A41	Carbon	
UHP.03A3A21	M14x1.5	Carbon	A19A21	Carbon	
High pressure tube nipple UNF-LH thread					4
UHP.03A3A12	9/16"x18UNF LH	Carbon			
UHP.03A3I11	3/8"x24UNF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.03A6A26	M24x1.5	Carbon	A32A26	Carbon	
Type "M" female swivel Fitting					7
UHP.03A7A60	9/16"x18UNF	Carbon	A19A60	Carbon	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.

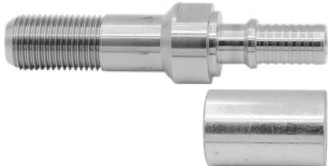


PH904 -03

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Bolt tensioning, pressure testing, hydraulic tools and jacks Oil and Gas: Grease/chemical injection, subsea control, nitrogen and gas handling
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	4 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Blue
Temperature Range	:	-30°C to +60°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
5.0	3/16"	11.2	0.441	1800	26100	4500	65250	150.0	5.90	0.26

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP904-03		Carbon			
73-UHP904-03S		Stainless			
Male fitting					1
UHP.03B1A41	G1/4"	Carbon			
UHP.03B1A50	1/4"x18NPTF	Stainless			
UHP.03B1I41	G1/4"	Stainless			
UHP.03B1I51	3/8"x18NPTF	Stainless			

Part No	Thread	Material	Nut	Material	Sleeve (pic)
HP Female swivel fitting (24° universal cone)					3
UHP.03B3A21	M14x1.5	Carbon	A19A21	Carbon	
UHP.03B3A22	M16x1.6	Carbon	A19A22	Carbon	
UHP.03B3A41	G1/4"	Carbon	A19A41	Carbon	
UHP.03B3I41	G1/4"	Stainless	A19A41	Carbon	
UHP.03B3A21	M14x1.5	Carbon	A19A21	Carbon	
High pressure tube nipple UNF-LH thread					4
UHP.03B4A3	9/16"x18UNF LH	Carbon			
UHP.03B4A10	1/4"x28UNF LH	Carbon			
UHP.03B4A11	3/8"x24UNF LH	Carbon			
UHP.03B4A12	9/16"x18UNF LH	Carbon			
UHP.03B4I10	1/4"x28UNF LH	Stainless			
UHP.03B4I11	3/8"x24UNF LH	Stainless			
UHP.03B4I12	9/16"x18UNF LH	Stainless			
Type "M" female swivel Fitting					7
UHP.03B7A60	9/16"x18UNF	Carbon	A19A60	Carbon	
UHP.03B7I60	9/16"x18UNF	Stainless	A19I60	Stainless	
MP Pro Blast 20K					Y
UHP.03Y4D10	1/4"x28UNF LH	Stainless			
UHP.03Y4D11	3/8"x24UNF LH	Stainless			
UHP.03Y4D55	1/4"x28UNF	Stainless			
UHP.03Y4D57	3/8"x24UNF	Stainless			

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.

*PRO BLAST fittings are specifically designed for tube cleaning applications and must not be used for any other purpose.



PH906 – 03

- Application

:

Water Blast: Surface prep, tank/vessel cleaning, UHP waterjet cutting, hydro-demolition (armoured concrete, pipelines, paper, steel)

Hydraulics: Tools for gauges, service control, hydraulic jacks, and related equipment
- Inner Core

:

Polyoxymethylene (POM)
- Constuction

:

6 Spirals of high tensile steel wire
- Cover

:

Polyamide (PA)
- Colour

:

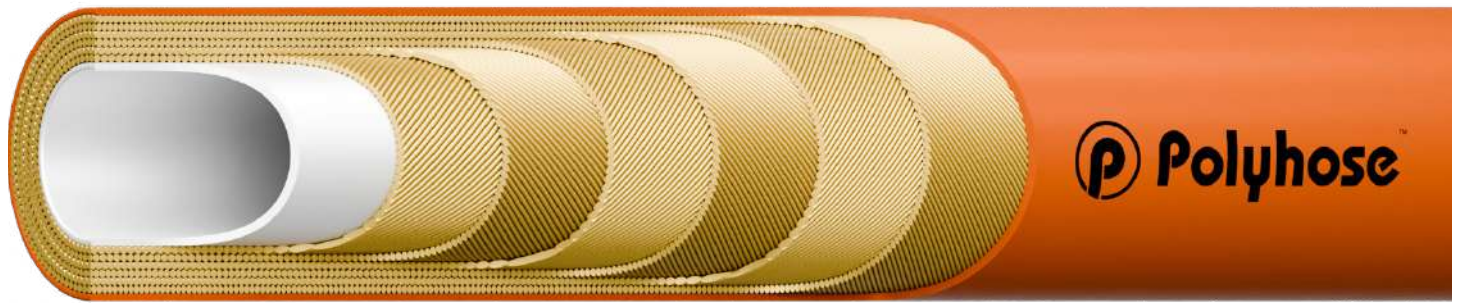
Silver
- Temperature Range

:

-30°C to +60°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
4.8	3/16"	13.2	0.520	2500	36250	6250	90625	200.0	7.90	0.45

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP906-03		Carbon			
HP Female swivel fitting (24° universal cone)					3
UHP.03D3D21	M14x1.5	Stainless	A19A21	Carbon	
UHP.03D3E41	G1/4"	Stainless	A22A41	Carbon	
High pressure tube nipple UNF-LH thread					4
UHP.03D4E3	M14x1.5 LH	Stainless			
UHP.03D4E10	1/4"x28UNF LH	Stainless			
UHP.03D4E11	3/8"x24UNF LH	Stainless			
UHP.03D4E12	9/16"x18UNF LH	Stainless			
Type "M" female swivel Fitting					7
UHP.03D7D60	9/16"x18UNF	Stainless	A19A60	Stainless	



PH906R -03

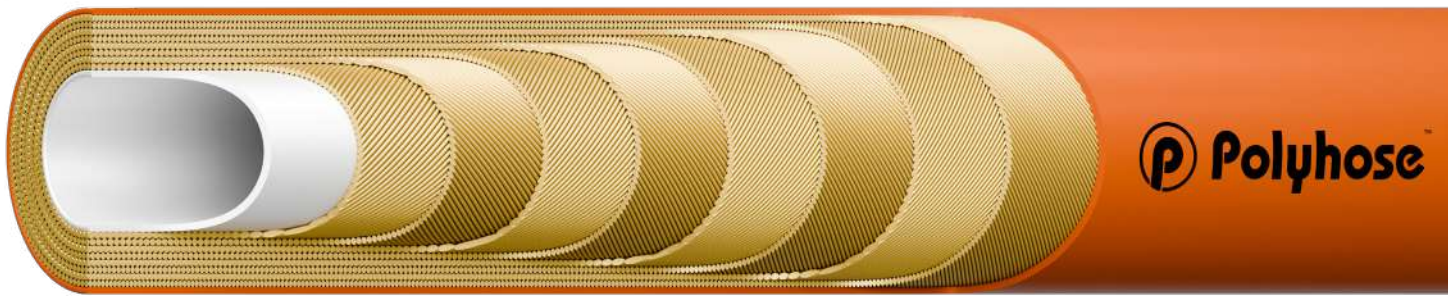
Application	:	Water Blast: Heat exchanger tube cleaning, surface prep, tank cleaning, UHP cutting, hydro-demolition Hydraulics: Bolt tensioning, pressure testing, hydraulic tools Oil & Gas: Grease injection, nitrogen services
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	6 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Orange
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
4.6	3/16"	14.4	0.570	2800	40600	7000	101500	220.0	8.70	0.6

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP906R-03		Carbon			
HP Female swivel fitting (24° universal cone)					3
UHP.03D3D21	M14x1.5	Stainless	A19A21	Carbon	
UHP.03D3E41	G1/4"	Stainless	A22A41	Carbon	
High pressure tube nipple UNF-LH thread					4
UHP.03D4E3	M14x1.5 LH	Stainless			
UHP.03D4E10	1/4"x28UNF LH	Stainless			
UHP.03D4E11	3/8"x24UNF LH	Stainless			
UHP.03D4E12	9/16"x18UNF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.06A6A26	M24x1.5	Carbon	A32A26	Carbon	
UHP.06A6I26	M24x1.5	Stainless	A32A26	Carbon	

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Type "M" female swivel Fitting					7
UHP.03D7D60	9/16"x18UNF	Stainless	A19A60	Carbon	
			A19I60	Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions For gaseous media, the top cover must be "pricked" The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH908 -03

Application	:	Water Blast: Heat exchanger tube cleaning, surface preparation, tank cleaning, waterjet cutting, hydro demolition Hydraulics: Pressure testing, hydraulic tools, hydroforming Oil and Gas: Gaseous media handling
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	8 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Orange
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
4.5	3/16"	15.3	0.600	3200	46400	8000	116000	250.0	9.80	0.693

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP908-03		Carbon			
HP Female swivel fitting (24° universal cone)					3
UHP.03D3D21	M14x1,5	Stainless	A19A21	Carbon	
			A19I21	Stainless	
UHP.03D3E41	G1/4"	Stainless	A22A41	Carbon	
			A22I41	Stainless	
High pressure tube nipple UNF-LH thread					4
UHP.03D4E3	M14x1.5 LH	Stainless			
UHP.03D4E10	1/4"x28UNF LH	Stainless			
UHP.03D4E11	3/8"x24UNF LH	Stainless			
UHP.03D4E12	9/16"x18UNF LH	Stainless			

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Type "M" female swivel Fitting					7
UHP.03D7D60	9/16"x18UNF	Stainless	A19A60	Carbon	
			A19I60	Stainless	

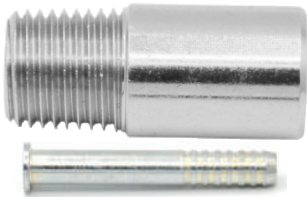
Note : Production-related deviations from the bursting pressure of up to 10% are possible The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions For gaseous media, the top cover must be "pricked" The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH902 -04

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Pressure test equipment (valves, tooling, control panels) and hydraulic tools (instrumentation packages, service equipment control, hydraulic jacks)
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	2 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Green
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
6.3	1/4"	11.5	0.453	1035	15000	2590	37500	110.0	4.30	0.175

Part No	Thread	Material	Nut	Material	Insert Pin	Sleeve (pic)
Sleeve						
73-UHP902-04		Carbon				
73-UHP902-04S		Stainless				
One piece male fittings						X
73-UHP902-04X50	1/4"x18NPTF	Carbon			UHP.04X1B50	
One Piece male fittings with wrench size						XW
73-UHP902-04XW50	1/4"x18NPTF	Carbon			UHP.04W1B50	
73-UHP902-04XW70	1/4"x18NPT	Carbon			UHP.04XW1B70	

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Male fitting					1
UHP.04A1A19	M10x1	Carbon			
UHP.04A1A41	G1/4"	Carbon			
UHP.04A1A42	G3/8"	Carbon			
UHP.04A1A49	1/8"x27NPTF	Carbon			
Female fitting rigid					2
UHP.04A2A50	1/4"x18NPTF				
HP Female swivel fitting (24° universal cone)					3
UHP.04A3A41	G1/4"	Carbon	A19A41	Carbon	
UHP.04A3I41	G1/4"	Stainless	A19A41	Carbon	
High pressure tube nipple UNF-LH thread					4
UHP.04A4A11	3/8"x24UNF LH	Carbon			
UHP.04A4I11	3/8"x24UNF LH	Stainless			
UHP.04A4A12	9/16"x18UNF LH	Carbon			
UHP.04A4I12	9/16"x18U NF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.04A6I23	M18x1.5	Stainless	A22I23	Stainless	
UHP.04A6A26	M24x1.5	Carbon	A32A26	Carbon	
JIC female swivel Fitting					8
UHP.04A8A60	9/16"x18UNF	Carbon	A19A60	Carbon	
Male Fitting CEIN; 100°					20
UHP.04A20A41	G1/4"	Carbon			

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH902P -04

Application : **Hydraulics:** Hydraulic tools including instrumentation packages for gauges, service equipment control, and hydraulic jacks
Oil and Gas: Grease injection and control of subsea hydraulic components

Inner Core : Polyamide (PA)
Constuction : 2 Spirals of high-tensile steel wire, 1 braid of steel wire
Cover : Polyurethane (PUR)
Colour : Black
Temperature Range : -30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
6.2	1/4"	12.9	0.508	1120	16240	2800	40600	95.0	3.70	0.30

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP902P-04		Carbon			
Male fittings					1
UHP.04A1A19	M10x1	Carbon			
UHP.04A1A41	G1/4"	Carbon			
UHP.04A1A42	G3/8"	Carbon			
UHP.04A1A49	1/8"x27NPTF	Carbon			
Female fitting rigid					2
UHP.04A2A50	1/4"x18NPTF				

Part No	Thread	Material	Nut	Material	Sleeve (pic)
HP Female swivel fitting (24° universal cone)					3
UHP,04A3A41	G1/4"	Carbon	A19A41	Carbon	
UHP,04A3I41	G1/4"	Stainless	A19I41	Stainless	
High pressure tube nipple UNF-LH thread					4
UHP.04A4A11	3/8"x24UNF LH	Carbon			
UHP.04A4I11	3/8"x24UNF LH	Stainless			
UHP.04A4A12	9/16"x18UNF LH	Carbon			
UHP.04A4I12	9/16"x18U NF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.04A6I23	M18x1.5	Stainless	A22I23	Stainless	
UHP.04A6A26	M24x1.5	Carbon	A32A26	Carbon	
Type "M" female swivel Fitting					7
UHP.04A7A60	9/16"x18UNF	Carbon	A19A60	Carbon	
UHP.04A7I60	9/16"x18UNF	Stainless	A19A60	Carbon	
Male Fitting CEIN; 100°					20
UHP.04A20A41	G1/4"	Carbon			

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH902Q -04

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Pressure testing systems, control panels, instrumentation packages, hydraulic jacks, and specialized tooling for service operations Oil and Gas: Grease injection systems; control systems for subsea hydraulic components
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	4 Spirals of high-tensile steel wire, 2 dense and 2 open layers
Cover	:	Polyamide (PA)
Colour	:	Black
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
6.0	1/4"	12.0	0.472	1280	18560	3200	46400	95.0	3.70	0.23

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP902Q-04		Carbon			
73-UHP902Q-04S		Stainless			
Male fittings					1
UHP.04A1A19	M10x1	Carbon			
UHP.04A1A41	G1/4"	Carbon			
UHP.04A1A42	G3/8"	Carbon			
UHP.04A1A49	1/8"x27NPTF	Carbon			
Female fitting rigid					2
UHP.04A2A50	1/4"x18NPTF				

Part No	Thread	Material	Nut	Material	Sleeve (pic)
HP Female swivel fitting (24° universal cone)					3
UHP.04A3A41	G1/4"	Carbon	A19A41	Carbon	
UHP.04A3I41	G1/4"	Stainless	A19A41	Carbon	
High pressure tube nipple UNF-LH thread					4
UHP.04A4A11	3/8"x24UNF LH	Carbon			
UHP.04A4I11	3/8"x24UNF LH	Stainless			
UHP.04A4A12	9/16"x18UNF LH	Carbon			
UHP.04A4I12	9/16"x18U NF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.04A6I23	M18x1.5	Stainless	A22I23	Stainless	
UHP.04A6A26	M24x1.5	Carbon	A32A26	Carbon	
Type "M" female swivel Fitting					7
UHP.04A7A60	9/16"x18UNF	Carbon	A19A60	Carbon	
UHP.04A7I60	9/16"x18UNF	Stainless	A19A60	Carbon	
Male Fitting CEIN; 100°					20
UHP.04A20A41	G1/4"	Carbon			

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.

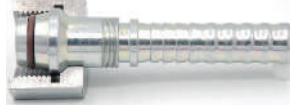


PH902QL -04

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Pressure testing equipment, control panels, instrumentation packages, hydraulic jacks, hydraulic tools Oil and Gas: Grease injection systems, control of subsea hydraulic components
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	4 Spirals of high-tensile steel wire, 2 dense and 2 open layers
Cover	:	Polyamide (PA)
Colour	:	Black
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
5.9	1/4"	12.0	0.470	1200	17400	3000	43500	80.0	3.10	0.237

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP902QL-04		Carbon			
73-UHP902QL-04S		Stainless			
Male fittings					1
UHP.04A1A19	M10x1	Carbon			
UHP.04A1A41	G1/4"	Carbon			
UHP.04A1A42	G3/8"	Carbon			
UHP.04A1A49	1/8"x27NPTF	Carbon			
Female fitting rigid					2
UHP.04A2A50	1/4"x18NPTF				

Part No	Thread	Material	Nut	Material	Sleeve (pic)
HP Female swivel fitting (24° universal cone)					3
UHP.04A3A41	G1/4"	Carbon	A19A41	Carbon	
UHP.04A3I41	G1/4"	Stainless	A19I41	Stainless	
High pressure tube nipple UNF-LH thread					4
UHP.04A4A11	3/8"x24UNF LH	Carbon			
UHP.04A4I11	3/8"x24UNF LH	Stainless			
UHP.04A4A12	9/16"x18UNF LH	Carbon			
UHP.04A4I12	9/16"x18U NF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.04A6I23	M18x1.5	Stainless	A22I23	Carbon	
UHP.04A6A26	M24x1.5	Carbon	A32A26	Stainless	
Type "M" female swivel Fitting					7
UHP.04A7A60	9/16"x18UNF	Carbon	A19A60	Carbon	
UHP.04A7I60	9/16"x18UNF	Stainless	A19A60	Stainless	
Male Fitting CEIN; 100°					20
UHP.04A20A41	G1/4"	Carbon			

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH902R -04

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Pressure test equipment (valves, tooling, and control panels), hydraulic tools (instrumentation packages for gauges, service equipment control, hydraulic jacks, and hydraulic tooling)
Inner Core	:	Polytetrafluorethylen (PTFE)
Constuction	:	2 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Green
Temperature Range	:	-30°C to +70°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
6.3	1/4"	11.5	0.457	1100	15950	2750	39875	110.0	4.30	0.175

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP902-04		Carbon			
73-UHP902-04S		Stainless			
Male fittings					1
UHP.04A1A19	M10x1	Carbon			
UHP.04A1A41	G1/4"	Carbon			
UHP.04A1A42	G3/8"	Carbon			
UHP.04A1A49	1/8"x27NPTF	Carbon			
Female fitting rigid					2
UHP.04A2A50	1/4"x18NPTF				

Part No	Thread	Material	Nut	Material	Sleeve (pic)
HP Female swivel fitting (24° universal cone)					3
UHP.04A6I23	M18x1.5	Carbon	A22I23	Carbon	
UHP.04A6A26	M24x1.5	Carbon	A32A26	Carbon	
High pressure tube nipple UNF-LH thread					4
UHP.04A4A11	3/8"x24UNF LH	Carbon			
UHP.04A4I11	3/8"x24UNF LH	Stainless			
UHP.04A4A12	9/16"x18UNF LH	Carbon			
UHP.04A4I12	9/16"x18U NF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.04A6I23	M18x1.5	Stainless	A22I23	Stainless	
UHP.04A6A26	M24x1.5	Carbon	A32A26	Carbon	
JIC female swivel Fitting					8
UHP.04A7A60	9/16"x18UNF	Carbon	A19A60	Carbon	
UHP.04A7I60	9/16"x18UNF	Stainless	A19A60	Stainless	
Male Fitting CEIN; 100°					20
UHP.04A20A41	G1/4"	Carbon			

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH903 -04

Application	:	Automotive: Hot melt adhesives and hot glue dispensing, injection molding, chemical transfer and paint transfer, robotic systems, compressed gas applications
Inner Core	:	Polytetrafluorethylen (PTFE)
Constuction	:	2 Spirals of high-tensile steel wire, 1 braid of G.I steel wire
Cover	:	1 Leyer Stainless Steel braiding 304
Colour	:	SS Metal
Temperature Range	:	-70°C to +200°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
6.0	1/4"	11.1	0.437	500	7250	2000	18125	75.0	3.00	0.25

Safety Factor: Up to 50°C: 1.0, Up to 100°C: 0.95, Up to 150°C: 0.90, Up to 200°C: 0.83

Note: For higher temperatures, additional evaluation is required.

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP903-04		Stainless			

Note : These hoses are only meant to be used as the inner core for heating hoses. They should not be used separately as standalone hoses.



PH904 - 04

- Application
- Water Blast:

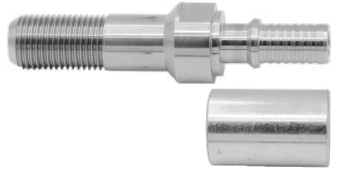
Heat exchanger tube cleaning
- Hydraulics:

Bolt tensioning, pressure test equipment (valves, tooling, and control panels), hydraulic tools (instrumentation packages for gauges, service equipment control, hydraulic jacks, and hydraulic tooling)
- Oil and Gas:

Grease injection, chemical injection, control of subsea hydraulic components, nitrogen service, and gaseous media handling.
- Inner Core
- Polyoxymethylene (POM)
- Constuction
- 4 Spirals of high tensile steel wire
- Cover
- Polyamide (PA)
- Colour
- Blue
- Temperature Range
- 30°C to +60°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
6.3	1/4"	12.6	0.496	1500	21750	3750	54375	180.0	7.10	0.295

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP904-04		Carbon			
73-UHP904S-04		Stainless			
Male fitting					1
UHP.04B1A41	G1/4"	Carbon			
UHP.04B1A42	G3/8"	Carbon			
UHP.04B1A50	1/4"x18NPTF	Carbon			
HP Female swivel fitting (24° universal cone)					3
UHP.03B3A41	G1/4"	Carbon	A19A41	Carbon	
UHP.03B3I41	G1/4"	Stainless	A19A41	Carbon	
			A19I21	Stainless	

Part No	Thread	Material	Nut	Material	Sleeve (pic)
High pressure tube nipple UNF-LH thread					4
UHP.04B4A11	3/8"x24UNF LH	Carbon			
UHP.04B4I11	3/8"x24UNF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.04B6A26	M24x1.5	Carbon	A32A26	Carbon	
Type "M" female swivel Fitting					7
UHP.03B7A60	9/16"x18UNF	Carbon	A19A60	Carbon	
UHP.03B7I60	9/16"x18UNF	Stainless	A19I60	Stainless	
JIC female swivel Fitting					8
UHP.04B8I60	9/16"x18UNF	Stainless	A19I60	Carbon	
MP Pro Blast 20K					Y
UHP.03Y4D11	3/8"x24UNF LH	Stainless	73-UHP904-04Y		
UHP.03Y4D57	3/8"x24UNF	Stainless			
Male Fitting CEIN; 100°					
UHP.04B20A41	G1/4"	Carbon			

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.

*PRO BLAST fittings are specifically designed for tube cleaning applications and must not be used for any other purpose.



PH906R -04

- Application

:

Water Blast: Heat exchanger tube cleaning, surface preparation, tank cleaning, waterjet cutting, hydro-demolition

Hydraulics: Bolt tensioning, pressure testing, hydraulic tools & control systems

Oil and Gas: Grease injection, nitrogen service
- Inner Core

:

Polyoxymethylene (POM)
- Constuction

:

6 Spirals of high tensile steel wire
- Cover

:

Polyamide (PA)
- Colour

:

Orange
- Temperature Range

:

-30°C to +60°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
5.9	1/4"	16.4	0.645	2800	40600	7000	101500	250.0	9.80	0.8

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP906R-04		Carbon			
HP Female swivel fitting (24° universal cone)					3
UHP.04C3D21	M14x1.5	Stainless	A19A21	Carbon	
High pressure tube nipple UNF-LH thread					4
UHP.04C4E11	3/8"x24UNF LH	Stainless			
UHP.04C4E12	9/16"x18UNF LH	Stainless			

Note : Production-related deviations from the bursting pressure of up to 10% are possible The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions For gaseous media, the top cover must be "pricked" The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH908 -04

Application	:	Water Blast: Heat exchanger tube cleaning, surface prep, tank cleaning, waterjet cutting, hydro-demolition Hydraulics: Pressure testing, hydraulic tools, hydroforming Oil and Gas: Gaseous media handling
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	8 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Orange
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
5.8	1/4"	16.6	0.870	3200	46400	8000	116000	280.0	11.00	1.1

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP908-04		Carbon			
HP Female swivel fitting (24° universal cone)					3
UHP.04C3D21	M14x1.5	Stainless	A19A21 A19I21	Carbon Stainless	
High pressure tube nipple UNF-LH thread					4
UHP.04C4D11	3/8"x24UNF LH	Stainless			
UHP.04C4D12	9/16"x18UNF LH	Stainless			

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH902 -05

- Application

:

Water Blast: Heat exchanger tube cleaning

Hydraulics: Pressure testing equipment (valves, tooling, and control panels), hydraulic tools (instrumentation packages for gauges, service equipment control, hydraulic jacks, and related tools)
- Inner Core

:

Polyoxymethylene (POM)
- Constuction

:

2 Spirals of high tensile steel wire
- Cover

:

Polyamide (PA)
- Colour

:

Green
- Temperature Range

:

-30°C to +60°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
8.1	5/16"	13.3	0.524	1035	15000	2590	37500	130.0	5.10	0.2

Part No	Thread	Material	Nut	Material	Insert Pin	Sleeve (pic)
Sleeve						
73-UHP902-05		Carbon				
One Piece Fittings with wrench size						XW
73-UHP902-05XW51	3/8"x18NPTF	Carbon			UHP.05XW1B51	
Male Fitting						1
UHP.05A1A41	G1/4"	Carbon				
UHP.05A1A42	G3/8"	Carbon				
UHP.05A1A51	3/8"x18NPTF	Carbon				

Part No	Thread	Material	Nut	Material	Sleeve (pic)
HP Female swivel fitting (24° universal cone)					3
UHP.05A3I42	G3/8"	Carbon	A24A42	Carbon	
Metric female swivel Fitting with O-ring					6
UHP.05A6A24	M20x1.5	Carbon	A27A24	Carbon	
UHP.05A6I24	M20x1.5	Stainless	A27I24	Stainless	
Type "M" female swivel Fitting					7
UHP.05A7A6I	3/4"x16UNF	Carbon	A24A6I	Carbon	
UHP.05A7I6I	3/4"x16UNF	Stainless	A24I6I	Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH902Q -05

- Application

:

Water Blast: Heat exchanger tube cleaning

Hydraulics: Pressure testing equipment and hydraulic tools with instrumentation for gauges, service control, and jacks

Oil and Gas: Grease injection systems; control of subsea hydraulic components
- Inner Core

:

Polyamide (PA)
- Constuction

:

4 Spirals of high-tensile steel wire, 2 dense and 2 open layers
- Cover

:

Polyurethane (PUR)
- Colour

:

Black
- Temperature Range

:

-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
8.0	5/16"	14.3	0.563	1040	15080	2600	37700	110.0	4.30	0.314

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP902Q-05		Carbon			
Male Fitting					1
UHP.05A1A41	G1/4"	Carbon			
UHP.05A1A42	G3/8"	Carbon			
UHP.05A1A51	3/8"x18NPTF	Carbon			

Part No	Thread	Material	Nut	Material	Sleeve (pic)
HP Female swivel fitting (24° universal cone)					3
UHP.05A3I42	G3/8"	Stainless	A24A42	Carbon	
Metric female swivel Fitting with O-ring					
UHP.05A6A24	M20x1.5	Carbon	A27A24	Carbon	
UHP.05A6I24	M20x1.5	Stainless	A27I24	Stainless	
Type "M" female swivel Fitting					7
UHP.05A7A61	3/4"x16UNF	Carbon	A24A61	Carbon	
UHP.05A7I61	3/4"x16UNF	Stainless	A24I61	Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH903 -05

Application	:	Automotive: Hot melt adhesives and glue dispensing, injection molding, chemical and paint transfer, robotic systems, and compressed gas applications
Inner Core	:	Polytetrafluorethylen (PTFE)
Constuction	:	2 Spirals of high-tensile steel wire, 1 braid of G.I steel wire
Cover	:	1 Leyer Stainless Steel braiding 304
Colour	:	SS Metal
Temperature Range	:	-70°C to +200°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
8.0	5/16"	13.4	0.528	475	6888	1900	17226	85.0	3.30	0.345

Safety Factor: Up to 50°C: 1.0, Up to 100°C: 0.95, Up to 150°C: 0.90, Up to 200°C: 0.83
Note: For higher temperatures, additional evaluation is required.

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP903-0		Stainless			

Note : These hoses are only meant to be used as the inner core for heating hoses. They should not be used separately as standalone hoses.

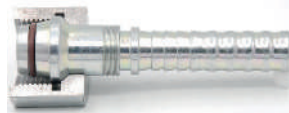
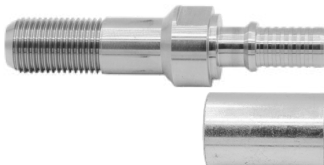


PH904 -05

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Bolt tensioning, pressure testing equipment, and hydraulic tools including instrumentation for gauges, service control, and jacks Oil & Gas: Grease and chemical injection, control of subsea hydraulic components, nitrogen services, and gaseous media handling
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	4 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Blue
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
8.0	5/16"	14.6	0.575	1500	21750	3750	54375	200.0	7.90	0.39

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP904-05		Carbon			
73-UHP904-05S		Stainless			
Male fitting					
UHP.05B1A41	G1/4"	Stainless			
HP Female swivel fitting (24° universal cone)					
UHP.05B3A42	G3/8"	Carbon	A24A42	Carbon	
UHP.05B3I42	G3/8"	Stainless	A24A42	Carbon	
UHP05B3A43	G1/2"	Carbon	A27A43	Carbon	

Part No	Thread	Material	Nut	Material	Sleeve (pic)
High pressure tube nipple UNF-LH thread					4
UHP.05B4A3	M14x1.5 LH	Carbon			
UHP.05B4A11	3/8"x24UNF LH	Carbon			
UHP.08A3111	3/8"x24UNF LH	Stainless			
UHP.05B4A12	9/16"x18UNF LH	Carbon			
UHP.05B4I12	9/16"x18UNF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.05B6A24	M20x1.5	Carbon	A27A24	Carbon	
UHP.05B6A26	M24x1.5	Carbon	A32A26	Carbon	
UHP.05B6I26	M24x1.5	Stainless	A32A26	Carbon	
Type "M" female swivel Fitting					7
UHP.05B7A61	3/4"x16UNF	Carbon	A24A61	Carbon	
UHP.05B7I61	3/4"x16UNF	Stainless	A24I61	Stainless	
JIC female swivel Fitting					8
UHP.05B8I61	3/4"x16UNF	Stainless	A24I61	Stainless	
MP Pro Blast 20K					Y
UHP.05Y4D12	9/16"x18UNF LH	Stainless	73-UHP904-05Y		
UHP.05Y4D60	9/16"x18UNF	Stainless			

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.

*PRO BLAST fittings are specifically designed for tube cleaning applications and must not be used for any other purpose.

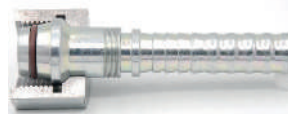


PH906 -05

Application	:	Water Blast: High-pressure waterjet solutions for surface preparation, industrial cleaning, precision cutting, and hydro-demolition Hydraulics: Hydraulic tools (instrumentation packages for gauges, service equipment control, hydraulic jacks, and other hydraulic tools)
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	6 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Silver
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
8.0	5/16"	16.4	0.646	2100	30450	5250	76125	250.0	9.80	0.64

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP906-05		Carbon			
Male fitting MP 58° Cone					
UHP.05D10D13	3/4"x16UNF LH	Stainless			
High pressure tube nipple UNF-LH thread					
UHP.05D4D3	M14x1.5 LH	Stainless			
UHP.05D4D10	1/4"x28UNF LH	Stainless			
UHP.05D4D11	3/8"x24UNF LH	Stainless			
UHP.05D4D12	9/16"x18UNF LH	Stainless			

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Metric female swivel Fitting with O-ring					6
UHP.05D6D26	M24x1.5	Stainless	A32A26	Carbon	
Type “M” female swivel Fitting					
UHP.05D7D61	3/4"x16UNF	Stainless	A24A61	Carbon	
UHP.05D7D62	7/8x14UNF	Stainless	B30A62	Carbon	
UHP.05D7D66	1.1/8"x12UNF	Stainless	A36I66	Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH906R -05

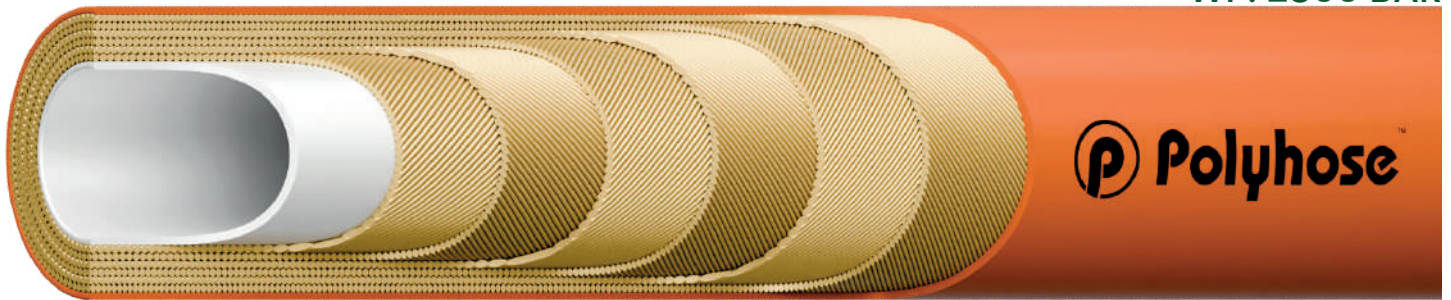
Application	:	Water Blast: High-pressure waterjet solutions for surface preparation, industrial cleaning, precision cutting, and hydro-demolition Hydraulics: Hydraulic tools (instrumentation packages for gauges, service equipment control, hydraulic jacks, and other hydraulic tools)
Inner Core	:	Polyoxymethylene (POM)
Construction	:	6 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Silver
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
7.7	5/16"	18.8	0.740	2500	36250	6250	90625	260.0	10.20	0.95

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP906R-05		Carbon			
Male fitting MP 58° Cone					
UHP.05D10D13	3/4"x16UNF LH	Stainless			
High pressure tube nipple UNF-LH thread					
UHP.05D4D3	M14x1.5 LH	Stainless			
UHP.05D4D11	3/8"x24UNF LH	Stainless			
UHP.05D4D12	9/16"x18UNF LH	Stainless			

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Metric female swivel Fitting with O-ring					6
UHP.05D6D26	M24x1.5	Stainless	A32A26 A32I26	Carbon Stainless	
Type "M" female swivel Fitting					7
UHP.05D7D61	3/4"x16UNF	Stainless	A24A61 A24I61	Carbon Stainless	
UHP.05D7D62	7/8"x14UNF	Stainless	B30A62 B30I62	Carbon Stainless	
UHP.05D7D66	1.1/8"x12UNF	Stainless	A36I66	Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.

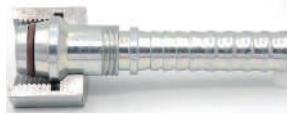


PH906RR -05

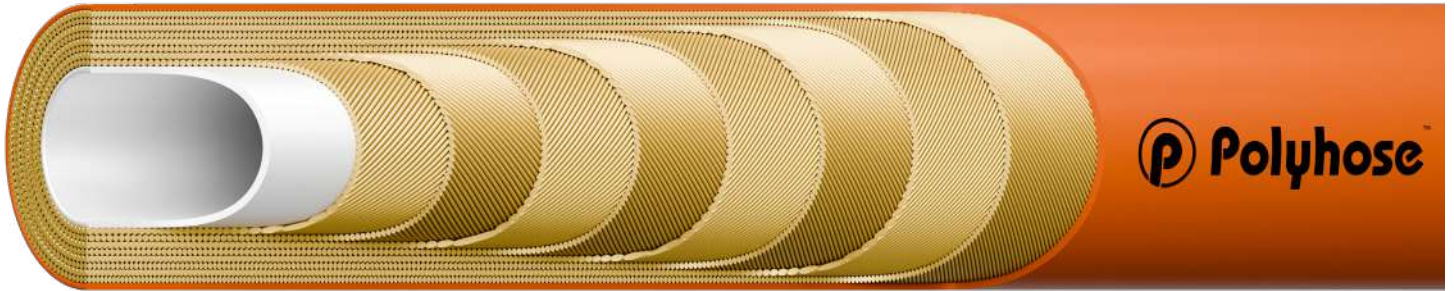
Application	:	Water Blast: Heat exchanger tube cleaning, surface preparation, tank and vessel cleaning, ultra high-pressure water jet cutting, and hydro-demolition Hydraulics: Hydraulic tools (instrumentation packages for gauges, service equipment control, hydraulic jacks, and other hydraulic tools)
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	6 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Orange
Temperature Range	:	-30°C to +70°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
7.6	5/16"	19.3	0.760	2800	40600	7000	101500	300.0	11.80	1.055

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP906RR-05		Carbon			
Male fitting MP 58° Cone					
UHP.05D10D13	3/4"x16UNF LH	Stainless			
High pressure tube nipple UNF-LH thread					
UHP.05D4D3	M14x1.5 LH	Stainless			
UHP.05D4D11	3/8"x24UNF LH	Stainless			
UHP.05D4D12	9/16"x18UNF LH	Stainless			

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Metric female swivel Fitting with O-ring					6
UHP.05D6D26	M24x1.5	Stainless	A32A26 A32I26	Carbon Stainless	
Type "M" female swivel Fitting					7
UHP.05D7D61	3/4"x16UNF	Stainless	A24A61 A24I61	Carbon Stainless	
UHP.05D7D62	7/8"x14UNF	Stainless	B30A62 B30I62	Carbon Stainless	
UHP.05D7D66	1.1/8"x12UNF	Stainless	A36I66	Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH908 -05

Application	:	Water Blast: Heat exchanger tube cleaning, surface preparation, tank and vessel cleaning, ultra high-pressure water jet cutting, and hydro-demolition Hydraulics: Hydraulic tools (instrumentation packages for gauges, service equipment control, hydraulic jacks, and other hydraulic tools)
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	8 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Orange
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
7.6	5/16"	22.0	0.870	3200	46600	8000	116000	300.0	11.80	1.5

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP908-05		Carbon			
Male fitting MP 58° Cone					10
UHP.05D10D13	3/4"x16UNF LH	Stainless			
High pressure tube nipple UNF-LH thread					4
UHP.05D4D3	M14x1.5 LH	Stainless			
UHP.05D4D11	3/8"x24UNF LH	Stainless			
UHP.05D4D12	9/16"x18UNF LH	Stainless			

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Metric female swivel Fitting with O-ring					6
UHP.05D6D26	M24x1.5	Stainless	A32A26	Carbon	
			A32I26	Stainless	
Type "M" female swivel Fitting					7
UHP.05D7D61	3/4"x16UNF	Stainless	A24A61	Carbon	
			A24I61	Stainless	
UHP.05D7D62	7/8"x14UNF	Stainless	B30A62	Carbon	
			B30I62	Stainless	
UHP.05D7D66	1.1/8"x12UNF	Stainless	A36I66	Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH902 -06

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Pressure test equipment (valves, tooling, and control panels), hydraulic tools (instrumentation packages for gauges, service equipment control, hydraulic jacks, and hydraulic tooling)
Inner Core	:	Polyamide (PA)
Constuction	:	2 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Yellow
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
10.1	3/8"	15.5	0.610	690	10005	1725	25010	160.0	6.30	0.28

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP902-06		Carbon			
73-UHP902-06S		Stainless			
Male fittings					
UHP.06A1A51	3/8"x18NPTF	Stainless			
HP Female swivel fitting (24° universal cone)					
UHP.06A3I43	G1/2"	Stainless	B27A43	Carbon	
			B27I43	Stainless	

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Metric female swivel Fitting with O-ring					6
UHP.06A6A26	M24x1.5	Carbon	A32A26	Carbon	
UHP.06A6I26	M24x1.5	Stainless	A32I26	Stainless	
Type “M” female swivel Fitting					7
UHP.06A7I61	3/4"x16UNF	Stainless	A24A61 A24I61	Carbon Stainless	
JIC female swivel Fitting					
UHP.06A8I61	3/4"x16UNF	Stainless	B24A61	Carbon	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH902Q -06

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Pressure testing equipment, hydraulic tools including instrumentation packages for gauges, control of service equipment, hydraulic jacks, and related tools Oil & Gas: Grease injection systems & control of subsea hydraulic components
Inner Core	:	Polyamide (PA)
Constuction	:	4 Spirals of high-tensile steel wire, 2 dense and 2 open layers
Cover	:	Polyurethane (PUR)
Colour	:	Black
Temperature Range	:	-30°C to +60°C

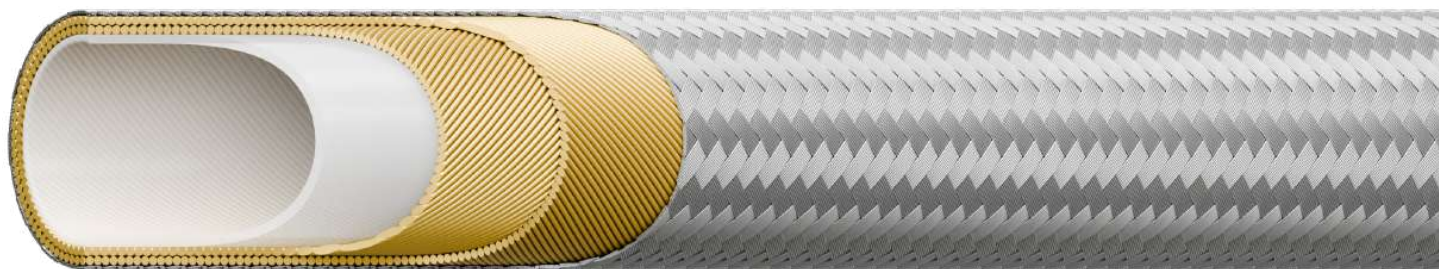
ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
10.0	3/8"	17.2	0.677	1100	15950	2750	39875	125.0	4.90	0.43

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP902Q-06		Carbon			
Male fitting					
UHP.06A1A51	3/8"x18NPTF	Carbon			
HP Female swivel fitting (24° universal cone)					
UHP.06A3I43	G1/2"	Stainless	B27A43	Carbon	

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Metric female swivel Fitting with O-ring					6
UHP.06A6A26	M24x1.5	Carbon	A32A26	Carbon	
UHP.06A6I26	M24x1.5	Stainless	A32I26	Stainless	
Type "M" female swivel Fitting					7
UHP.06A7I6I	3/4"x16UNF	Stainless	A24A6I	Carbon	
JIC female swivel Fitting					8
UHP.06A8I6I	3/4"x16UNF	Stainless	B24A6I	Carbon	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.

Series: F | ID: 10
WP: 450 BAR



PH903 - 06

Application	:	Automotive: Hot melt adhesives and glue dispensing, injection molding, chemical and paint transfer, robotic systems, and compressed gas applications
Inner Core	:	Polytetrafluorethylen (PTFE)
Constuction	:	2 Spirals of high-tensile steel wire, 1 braid of G.I steel wire
Cover	:	1 Leyer Stainless Steel braiding 304
Colour	:	SS Metal
Temperature Range	:	-70°C to +200°C

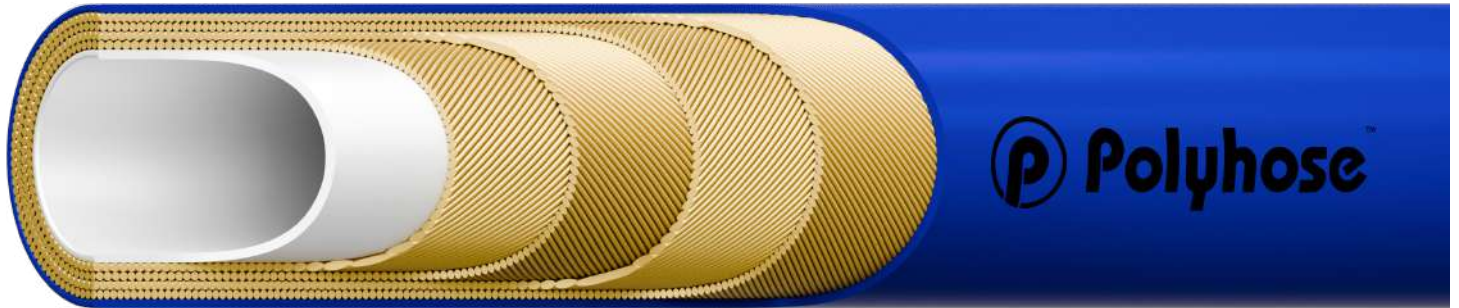
ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
10.0	3/8"	15.7	0.618	450	6525	1800	16313	110.0	4.30	0.442

Safety Factor: Up to 50°C: 1.0, Up to 100°C: 0.95, Up to 150°C: 0.90, Up to 200°C: 0.83

Note: For higher temperatures, additional evaluation is required.

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-DKL1206		Steel			

Note : These hoses are only meant to be used as the inner core for heating hoses. They should not be used separately as standalone hoses.

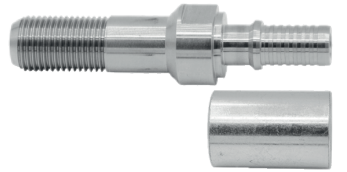


PH904 -06

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Bolt tensioning, pressure testing, hydraulic tools and jacks Oil and Gas: Grease/chemical injection, subsea control, nitrogen and gas handling
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	4 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Blue
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
9.9	3/8"	18.4	0.724	1500	21750	3750	54375	200.0	7.90	0.69

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP904-06		Carbon			
Male fitting					
UHP.06B1A42	G3/8"	Carbon			
UHP.06B1A51	3/8"x18NPTF	Carbon			

Part No	Thread	Material	Nut	Material	Sleeve (pic)
HP Female swivel fitting (24° universal cone)					3
UHP.03B3A21	M14x1.5	Carbon	A19A21	Carbon	
UHP.03B3A22	M16x1.6	Carbon	A19A22	Carbon	
UHP.03B3A41	G1/4"	Carbon	A19A41	Carbon	
UHP.03B3I41	G1/4"	Stainless	A19A41	Carbon	
UHP.03B3A21	M14x1.5	Carbon	A19A21	Carbon	
High pressure tube nipple UNF-LH thread					4
UHP.06B4A12	9/16"x18UNF LH	Carbon			
UHP.06B4I12	9/16"x18UNF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.06B6A26	M24x1.5	Carbon	A32A26	Carbon	
Type "M" female swivel Fitting					7
UHP.06B7A61	3/4"x16UNF	Carbon	B24A61	Carbon	
UHP.06B7I61	3/4"x16UNF	Stainless	B24I61	Stainless	
MP Pro Blast 20K					Y
UHP.06Y4D12	9/16"x18UNF LH	Stainless	73-UHP904-06Y		
UHP.06Y4D60	9/16"x18UNF	Stainless			

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.

*PRO BLAST fittings are specifically designed for tube cleaning applications and must not be used for any other purpose.



PH906 –06

Application	:	Water Blast: Surface preparation including concrete removal, building surface cleaning, paint removal, tank & vessel cleaning and hydro-demolition Hydraulics: Hydraulic tools comprising instrumentation packages for gauges, control systems for service equipment, hydraulic jacks & associated tooling
Inner Core	:	Polyoxymethylene (POM)
Constuction	:	6 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Blue
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
9.8	3/8"	20.4	0.803	1920	27840	4800	69600	250.0	9.80	1.0

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP906-06		Carbon			
High pressure tube nipple UNF-LH thread					4
UHP.06C4D12	9/16"x18UNF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.06C6D26	M24x1.5	Stainless	A32A26	Carbon	
			A32I26	Stainless	

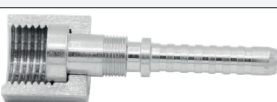
Note : Production-related deviations from the bursting pressure of up to 10% are possible The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions For gaseous media, the top cover must be "pricked" The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH902 -08

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Pressure testing equipment (valves, tooling, and control panels), hydraulic tools (instrumentation packages for gauges, service equipment control, hydraulic jacks, and related tools)
Inner Core	:	Polyamide (PA)
Constuction	:	2 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Yellow
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
12.9	1/2"	19.3	0.760	690	10005	1725	25010	200.0	7.90	0.435

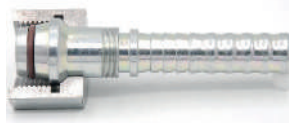
Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP902-08		Carbon			
73-UHP902-08S		Stainless			
Male Fitting					
UHP.08A1A52	1/2"x14NPTF	Carbon			
UHP.08A1I52	1/2"x14NPTF	Stainless			
Metric female swivel Fitting with O-ring					
UHP.08A6A26	M24x1.5	Carbon	A32A26	Carbon	
UHP.08A6I26	M24x1.5	Stainless	A32I26	Stainless	
JIC female swivel Fitting					
UHP.08A8A62	7/8x14UNF	Carbon	A30A62	Carbon	



PH902Q -08

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Pressure testing equipment (valves, tooling, control panels) and hydraulic tools (gauges, control systems, jacks, and accessories) Oil and Gas: Grease injection systems & control of subsea hydraulic components
Inner Core	:	Polyamide (PA)
Constuction	:	4 Spirals of high-tensile steel wire, 2 dense and 2 open layers
Cover	:	Polyurethane (PUR)
Colour	:	Black
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
12.8	1/2"	20.8	0.819	1040	15080	2600	37700	150.0	5.90	0.59

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP902Q-08		Carbon			
Male Fitting					
UHP.08A1A52	1/2"x14NPTF	Carbon			
UHP.08A1I52	1/2"x14NPTF	Stinless			
Metric female swivel Fitting with O-ring					
UHP.08A6A26	M24x1.5	Carbon	A32A26	Carbon	
UHP.08A6I26	M24x1.5	Stainless	A32I26	Stainless	
JIC female swivel Fitting					
UHP.08A8A62	7/8x14UNF	Carbon	A30A62	Carbon	



PH902QZ -08

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Pressure testing equipment (valves, tooling, control panels) and hydraulic tools (gauges, control systems, jacks, and accessories) Oil and Gas: Grease injection systems & control of subsea hydraulic components
Inner Core	:	Polyamide (PA)
Constuction	:	4 Spirals of high-tensile steel wire, 2 dense and 2 open layers
Cover	:	Polyurethane (PUR)
Colour	:	Green
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
12.8	1/2"	20.2	0.870	1040	15080	2600	37700	150.0	5.90	0.6

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP902QZ-08		Carbon			
73-UHP902QZ-08S		Stainless			
Male Fitting					1
UHP.08W1A52	1/2"x14NPTF	Carbon			
UHP.08W1I52	1/2"x14NPTF	Stainless			
HP Female swivel fitting (24° universal cone)					
UHP.08W3B43	G1/2"	Carbon	B27A43	Carbon	
UHP.08W3I43	G1/2"	Stainless	B27I43	Stainless	
Metric female swivel Fitting with O-ring					
UHP.08W6A26	M24x1.5	Carbon	A32A26	Carbon	
UHP.08W6I26	M24x1.5	Stainless	A32A26	Carbon	
UHP.08W6I27	M30x2	Stainless	A41I27	Stainless	

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Type "M" female swivel Fitting					7
UHP.08W6I27	M30x2	Stainless	A4I127	Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions For gaseous media, the top cover must be "pricked" The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH903 -08

Application	:	Automotive: Hot melt adhesives and glue dispensing, injection molding, chemical & paint transfer, robotic systems & compressed gas applications
Inner Core	:	Polytetrafluorethylen (PTFE)
Constuction	:	2 Spirals of high-tensile steel wire, 1 braid of G.I steel wire
Cover	:	1 Leyer Stainless Steel braiding 304
Colour	:	SS Metal
Temperature Range	:	-70°C to +200°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
12.2	1/2"	18.8	0.740	450	6525	1800	16313	150.0	5.90	0.61

Safety Factor: Up to 50°C: 1.0, Up to 100°C: 0.95, Up to 150°C: 0.90, Up to 200°C: 0.83

Note: For higher temperatures, additional evaluation is required.

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-BPFAIP08		Steel			

Note : These hoses are only meant to be used as the inner core for heating hoses. They should not be used separately as standalone hoses.



PH904R -08

- Application

:

Water Blast: Heat exchanger tube cleaning

Hydraulics: Bolt tensioning, pressure test equipment (valves, tooling, and control panels), hydraulic tools (instrumentation packages for gauges, service equipment control, hydraulic jacks, and hydraulic tooling)

Oil and Gas: Grease injection, chemical injection, control of subsea hydraulic components, nitrogen service, and gaseous media handling.
- Inner Core

:

Polyamide (PA)
- Constuction

:

4 Spirals of high tensile steel wire
- Cover

:

Polyamide (PA)
- Colour

:

Blue
- Temperature Range

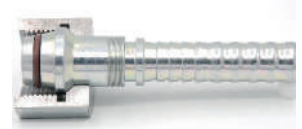
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-30°C to +60°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
12.8	1/2"	22.0	0.870	1450	21025	3625	52575	200.0	7.90	0.9

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP904R-08		Carbon			
73-UHP904R-08S		Stainless			
Male fitting					1
UHP.08CID52	1/2"x14NPTF	Stainless;		max. W.P. 1000bar / 15.000psi	
UHP.08SC1D52	1/2"x14NPTF	Stainless;		max. W.P. 1000bar / 15.000psi	
Male fitting MP 58° Cone					10
UHP.08C10D12	9/16"x18UNF LH	Stainless			

Part No	Thread	Material	Nut	Material	Sleeve (pic)
HP Female swivel fitting (24° universal cone)					3
UHP.08CS3D43	DKR 1/2"	Stainless	B27A43	Carbon	max. W.P. 1450bar / 21.025psi
High pressure tube nipple UNF-LH thread					4
UHP.08C4D4	M18x1.5 LH	Stainless			
UHP.08C4D5	M20x1.5 LH	Stainless			
UHP.08C4D12	9/16"x18UNF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.08C6D26	M24x1.5	Stainless	A32A26	Carbon	
Type "M" female swivel Fitting					7
UHP.08C7D63	1"x12UNF	Stainless	A32A63	Carbon	



Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH906 -08

- Application

:

Water Blast: Surface preparation (concrete removal, surface cleaning of buildings, paint removal), tank and vessel cleaning, ultra-high-pressure waterjet cutting, and hydro-demolition (cutting and demolition of armoured concrete, pipelines, paper, or steel)

Hydraulics: Hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, and other hydraulic tools)
- Inner Core

:

Polyamide (PA)
- Constuction

:

6 Spirals of high tensile steel wire
- Cover

:

Polyamide (PA)
- Colour

:

Blue
- Temperature Range

:

-30°C to +60°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
12.8	1/2"	23.4	0.921	1800	26100	4500	65250	300.0	11.80	1.16

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP906-08		Carbon			
Male fitting					
UHP.08CID52	1/2"x14NPTF	Stainless max.		W.P: 1.000 bar / 15.000 psi	

Part No	Thread	Material	Nut	Material	Sleeve (pic)
HP Female swivel fitting (24° universal cone)					3
UHP.08SC3D43	GI/2"	Stainless	B27A43 B27I43	Carbon max. working pressure 1450bar Stainless	
High pressure tube nipple UNF-LH thread					4
UHP.08C4D4	M18x1.5 LH	Stainless			
UHP.08C4D5	M20x1.5 LH	Stainless			
UHP.08C4D12	9/16"x18UNF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.08C6D26	M24x1.5	Stainless	A32A26 A32I26	Carbon Stainless	
Type "M" female swivel Fitting					7
UHP.08C7D63	1"x12UNF	Stainless	A32A63 A32I63	Carbon Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH906R –08

- Application
- :

Water Blast: Heat exchanger tube cleaning, surface preparation, tank and vessel cleaning, ultra-high-pressure waterjet cutting, and hydro-demolition

Hydraulics: Bolt tensioning, pressure testing systems, and advanced hydraulic tools

Oil and Gas: Grease injection and nitrogen services
- Inner Core
- :

Polyoxymethylene (POM)
- Constuction
- :

6 Spirals of high tensile steel wire
- Cover
- :

Polyamide (PA)
- Colour
- :

Blue
- Temperature Range
- :

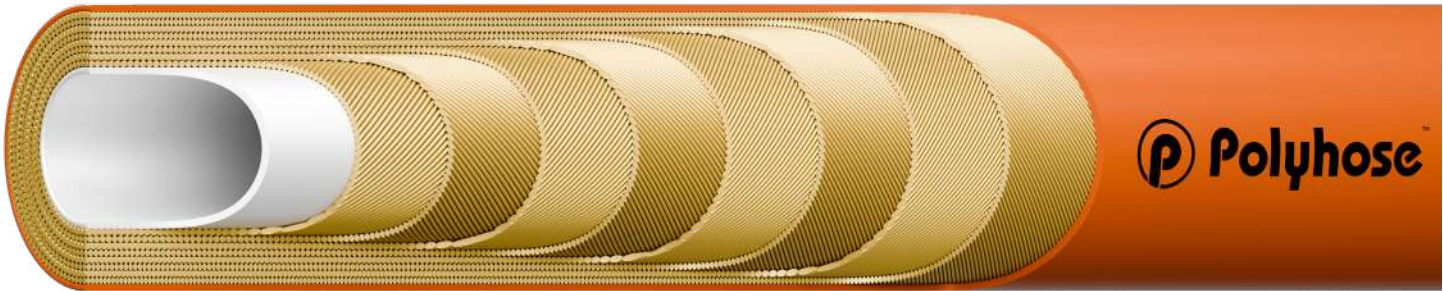
-30°C to +60°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
12.7	1/2"	24.8	0.980	2000	29000	5000	72500	300.0	11.80	1.2

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP906R-08		Carbon			
Male fitting					
UHP.08CID52	1/2"x14NPTF	Carbon; max.		W.P: 1.000 bar / 15.000 psi	
Male fitting MP 58° Cone					
UHP.08CI0D12	9/16"x18UNF LH	Stainless			

Part No	Thread	Material	Nut	Material	Sleeve (pic)
HP Female swivel fitting (24° universal cone)					3
UHP.08SC3D43	G1/2"	Stainless	B27A43 B27I42	Carbon max. working pressure 1450bar Stainless	
High pressure tube nipple UNF-LH thread					4
UHP.08C4D4	M18x1.5 LH	Stainless			
UHP.08C4D5	M20x1.5 LH	Stainless			
UHP.08C4D12	9/16"x18UNF LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.08C6D26	M24x1.5	Stainless	A32A26 A32I26	Carbon Stainless	
Type "M" female swivel Fitting					7
UHP.08C7D63	1"x12UNF	Stainless	A32A63 A32I63	Carbon Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH908 -08

- Application

:

Water Blast: Heat exchanger cleaning, surface prep, tank cleaning, high-pressure cutting, and hydro-demolition

Hydraulics: Pressure testing systems, instrumentation packages, hydraulic jacks, bolt tensioning tools, control panels, hydraulic pumps, cylinders, and hydroforming solutions

Oil and Gas: Gaseous media handling
- Inner Core

:

Polyoxymethylene (POM)
- Constuction

:

8 Spirals of high tensile steel wire
- Cover

:

Polyamide (PA)
- Colour

:

Orange
- Temperature Range

:

-30°C to +60°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
12.8	1/2"	27.7	1.090	2800	40600	7000	101500	350.0	13.80	2.085

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP908-08		Carbon			
Male fitting					
UHP.08CID52	1/2"x14NPTF	Stainless; max.		W.P: 1.000 bar / 15.000 psi	
Male fitting MP 58° Cone					
UHP.08CI0D12	9/16"x18UNF LH	Stainless			

Part No	Thread	Material	Nut	Material	Sleeve (pic)	
HP Female swivel fitting (24° universal cone)					3	
UHP.08SC3D43	G1/2"	Stainless	B27A43 B27I43	Carbon max. working pressure 1450bar Stainless		
High pressure tube nipple UNF-LH thread						
UHP.08C4D4	M18x1.5 LH	Stainless				
UHP.08C4D5	M20x1.5 LH	Stainless				
UHP.08C4D12	9/16"x18UNF LH	Stainless				
Metric female swivel Fitting with O-ring					6	
UHP.08C6D26	M24x1.5	Stainless	A32A26 A32I26	Carbon Stainless		
Type "M" female swivel Fitting						
UHP.08C7D63	1"x12UNF	Stainless	A32A63 A32I61	Carbon Stainless		

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH903 -10

- Application

: Automotive: Hot melt adhesives and glue dispensing, injection molding, chemical & paint transfer, robotic systems & compressed gas applications
- Inner Core

: Polytetrafluorethylen (PTFE)
- Constuction

: 2 Spirals of high-tensile steel wire, 1 braid of G.I steel wire
- Cover

: 1 Leyer Stainless Steel braiding 304
- Colour

: SS Metal
- Temperature Range

: -70°C to +200°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
15.1	5/8"	21.6	0.850	400	5800	1600	14500	175.0	6.90	0.73

Safety Factor: Up to 50°C: 1.0, Up to 100°C: 0.95, Up to 150°C: 0.90, Up to 200°C: 0.83
Note: For higher temperatures, additional evaluation is required.

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP903-10		Steel			

Note : These hoses are only meant to be used as the inner core for heating hoses. They should not be used separately as standalone hoses.

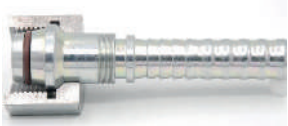


PH902 -12

Application : **Water Blast:** Heat exchanger tube cleaning
Hydraulics: Pressure test equipment including valves, tooling, and control panels; hydraulic tools such as instrumentation packages, service equipment controls, hydraulic jacks, and pumps

Inner Core : Polyamide (PA)
Constuction : 2 Spirals of high tensile steel wire
Cover : Polyamide (PA)
Colour : Yellow
Temperature Range : -30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
19.0	3/4"	26.2	1.031	520	7540	1300	18850	240.0	9.40	0.75

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP902-12		Carbon			
Metric female swivel Fitting with O-ring					6
UHP.12A6A28	M36x2	Carbon	A46A28	Carbon	

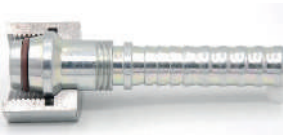
Note : Production-related deviations from the bursting pressure of up to 10% are possible The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions For gaseous media, the top cover must be "pricked" The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH904 -12

- Application
- : Water Blast: Heat exchanger tube cleaning
Hydraulics: Bolt tensioning, pressure test equipment including valves, tooling, and control panels; hydraulic tools such as instrumentation packages for gauges, service equipment control, and hydraulic jacks
Oil and Gas: Grease and chemical injection, subsea hydraulic component control, nitrogen service, and gaseous media handling.
- Inner Core
- : Polyamide (PA)
- Constuction
- : 4 Spirals of high tensile steel wire
- Cover
- : Polyamide (PA)
- Colour
- : Green
- Temperature Range
- : -30°C to +60°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
18.8	3/4"	28.8	1.134	1040	15080	2600	37700	250.0	9.80	1.35

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP904-12		Carbon			
Metric female swivel Fitting with O-ring					6
UHP.12C6B28	M36x2	Carbon	A46A28	Carbon	
Type "M" female swivel Fitting					7
UHP.12C7B65	1.5/16"x12UN	Carbon	A46A65	Carbon	



PH903 -12

Application	:	Automotive: Hot melt adhesives and glue dispensing, injection molding, chemical and paint transfer, robotic systems, and compressed gas applications
Inner Core	:	Polytetrafluorethylen (PTFE)
Constuction	:	2 Spirals of high-tensile steel wire, 1 braid of G.I steel wire
Cover	:	1 Leyer Stainless Steel braiding 304
Colour	:	SS Metal
Temperature Range	:	-70°C to +200°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
20.2	3/4"	27.8	1.094	300	4350	1200	10875	200.0	7.90	1.055

Safety Factor: Up to 50°C: 1.0, Up to 100°C: 0.95, Up to 150°C: 0.90, Up to 200°C: 0.83

Note: For higher temperatures, additional evaluation is required.

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP903-12		Steel			

Note : These hoses are only meant to be used as the inner core for heating hoses. They should not be used separately as standalone hoses.



PH904Q -12

- Application

:

Water Blast: Heat exchanger tube cleaning, Tube cleaning, surface preparation, tank cleaning, high-pressure cutting, and hydro-demolition

Hydraulics: Pressure test equipment comprising valves, tooling, and control panels; hydraulic tools including instrumentation packages for gauges and control of service equipment
- Inner Core

:

Polyamide (PA)
- Constuction

:

4 Spirals of high-tensile steel wire, 2 dense and 2 open layers
- Cover

:

Polyurethane (PUR)
- Colour

:

Black
- Temperature Range

:

-30°C to +70°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
19.6	3/4"	32.6	1.283	1200	17400	3000	43500	170.0	6.70	1.76

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP904Q-12		Carbon			
Male fitting MP 58° Cone					
10					
UHP.12D10D14	1"x14UNS LH	Stainless			
Metric female swivel Fitting with O-ring					
6					
UHP.12D6D28	M36x2	Stainless	A46A28	Carbon	
Type "M" female swivel Fitting					
7					
UHP.12D7D65	1.5/16"x12UN	Stainless	A46I65	Stainless	

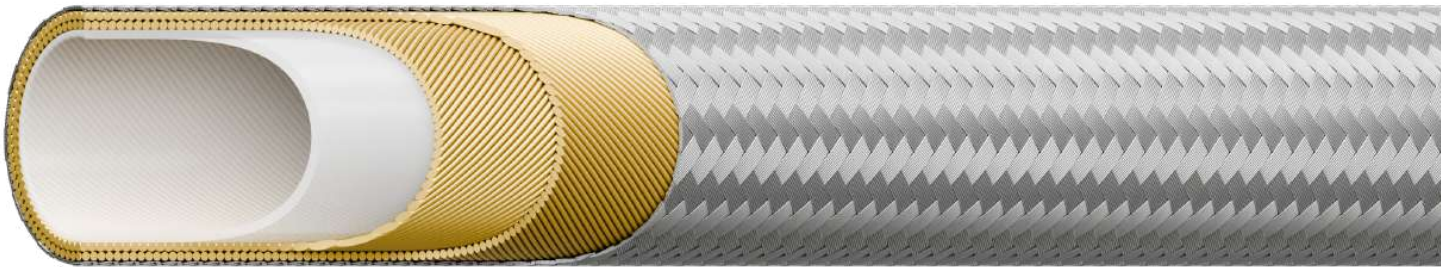


PH906 -12

Application	:	Water Blast: SSurface preparation (concrete removal, building cleaning, paint removal), tank and vessel cleaning, ultra-high-pressure waterjet cutting, and hydro-demolition of armoured concrete, pipelines, and steel Hydraulics: Hydraulic tools including instrumentation packages for gauges, service equipment control, hydraulic jacks, and other hydraulic tools
Inner Core	:	Polyamide (PA)
Constuction	:	6 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Blue
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
18.8	3/4"	32.8	1.291	1400	20300	3500	50750	350.0	13.80	2.17

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP906-12		Carbon			
Male fitting MP 58° Cone					10
UHP.12D10D14	1"x14UNS LH	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.12D6D28	M36x2	Stainless	A46A28	Carbon	
Type "M" female swivel Fitting					7
UHP.12D7D65	1.5/16"x12UN	Stainless	A46I65	Stainless	



PH903 -16

- Application

:

Automotive: Hot melt adhesives and glue dispensing, injection molding, chemical and paint transfer, robotic systems, and compressed gas applications
- Inner Core

:

Polytetrafluorethylen (PTFE)
- Constuction

:

2 Spirals of high-tensile steel wire, 1 braid of G.I steel wire
- Cover

:

1 Layer Stainless Steel braiding 304
- Colour

:

SS Metal
- Temperature Range

:

-70°C to +200°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
24.2	1"	31.7	1.248	275	3988	1100	9976	240.0	9.40	1.205

Safety Factor: Up to 50°C: 1.0, Up to 100°C: 0.95, Up to 150°C: 0.90, Up to 200°C: 0.83
Note: For higher temperatures, additional evaluation is required.

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP903-16		Steel			

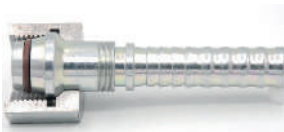
Note : These hoses are only meant to be used as the inner core for heating hoses. They should not be used separately as standalone hoses.



PH904 -16

Application	:	Water Blast: Heat exchanger tube cleaning Hydraulics: Bolt tensioning, pressure test equipment including valves, tooling, and control panels; hydraulic tools such as instrumentation packages for gauges, service equipment control, and hydraulic jacks Oil and Gas: Grease and chemical injection, subsea hydraulic component control, nitrogen service, and gaseous media handling.
Inner Core	:	Polyamide (PA)
Constuction	:	4 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Yellow
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
24.8	1"	36.3	1.429	900	13050	2250	32625	300.0	11.80	1.715

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP904-16		Carbon			
Male Fitting					1
UHP.16B1A53	1"x11 1/2NPTF	Carbon			
UHP.16B1I53	1"x11 1/2NPTF	Stainless			
Metric female swivel Fitting with O-ring					6
UHP.16B6I29	M42x2	Stainless	A50A29	Carbon	
Type "M" female swivel Fitting					7
UHP.16B7I65	1.5/16"x12UN	Stainless	A41I65	Stainless	

Part No	Thread	Material	Nut	Material	Sleeve (pic)
JIC female swivel Fitting					8
UHP.16B8I65	1.5/16"x12UN	Stainless	A4I165	Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH906 -16

Application	:	Water Blast: Surface preparation including concrete removal, building cleaning, and paint removal; tank and vessel cleaning; ultra-high-pressure waterjet cutting and hydro-demolition of armoured concrete, pipelines, paper, or steel Hydraulics: Hydraulic tools including instrumentation for gauges, service equipment control, hydraulic jacks, and related components
Inner Core	:	Polyamide (PA)
Constuction	:	6 Spirals of high tensile steel wire
Cover	:	Polyamide (PA)
Colour	:	Blue
Temperature Range	:	-30°C to +60°C

ID		OD		WP		BP		BR/r		WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
24.8	1"	39.8	1.567	1400	20300	3500	50750	600.0	23.60	2.8

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP906-16		Carbon			
Male Fitting					
UHP.16C1D14	1"x14UNS LH	Stainless			
Metric female swivel Fitting with O-ring					
UHP.16C6D29	M42x2	Stainless	A50A29	Carbon	
			A50I29	Stainless	

Note : Production-related deviations from the bursting pressure of up to 10% are possible. The safety factor between operating pressure and bursting pressure can be higher depending on the operating conditions. For gaseous media, the top cover must be "pricked". The working pressure applies to the hose. Depending on the fitting, the working pressure for the hose line can be lower.



PH903 –20

- Application

: Automotive: Hot melt adhesives and glue dispensing, injection molding, chemical & paint transfer, robotic systems & compressed gas applications
- Inner Core

: Polytetrafluorethylen (PTFE)
- Constuction

: 2 Spirals of high-tensile steel wire, 1 braid of G.I steel wire
- Cover

: 1 Leyer Stainless Steel braiding 304
- Colour

: SS Metal
- Temperature Range

: -70°C to +200°C

 ID		 OD		 WP		 BP		 BR/r		 WEIGHT
mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m
32.0	1,1/4"	39.0	1.530	250	3625	1000	9063	280.0	11.00	1.52

Safety Factor: Up to 50°C: 1.0, Up to 100°C: 0.95, Up to 150°C: 0.90, Up to 200°C: 0.83
Note: For higher temperatures, additional evaluation is required.

Part No	Thread	Material	Nut	Material	Sleeve (pic)
Sleeve					
73-UHP903-20		Steel			

Note : These hoses are only meant to be used as the inner core for heating hoses. They should not be used separately as standalone hoses.

