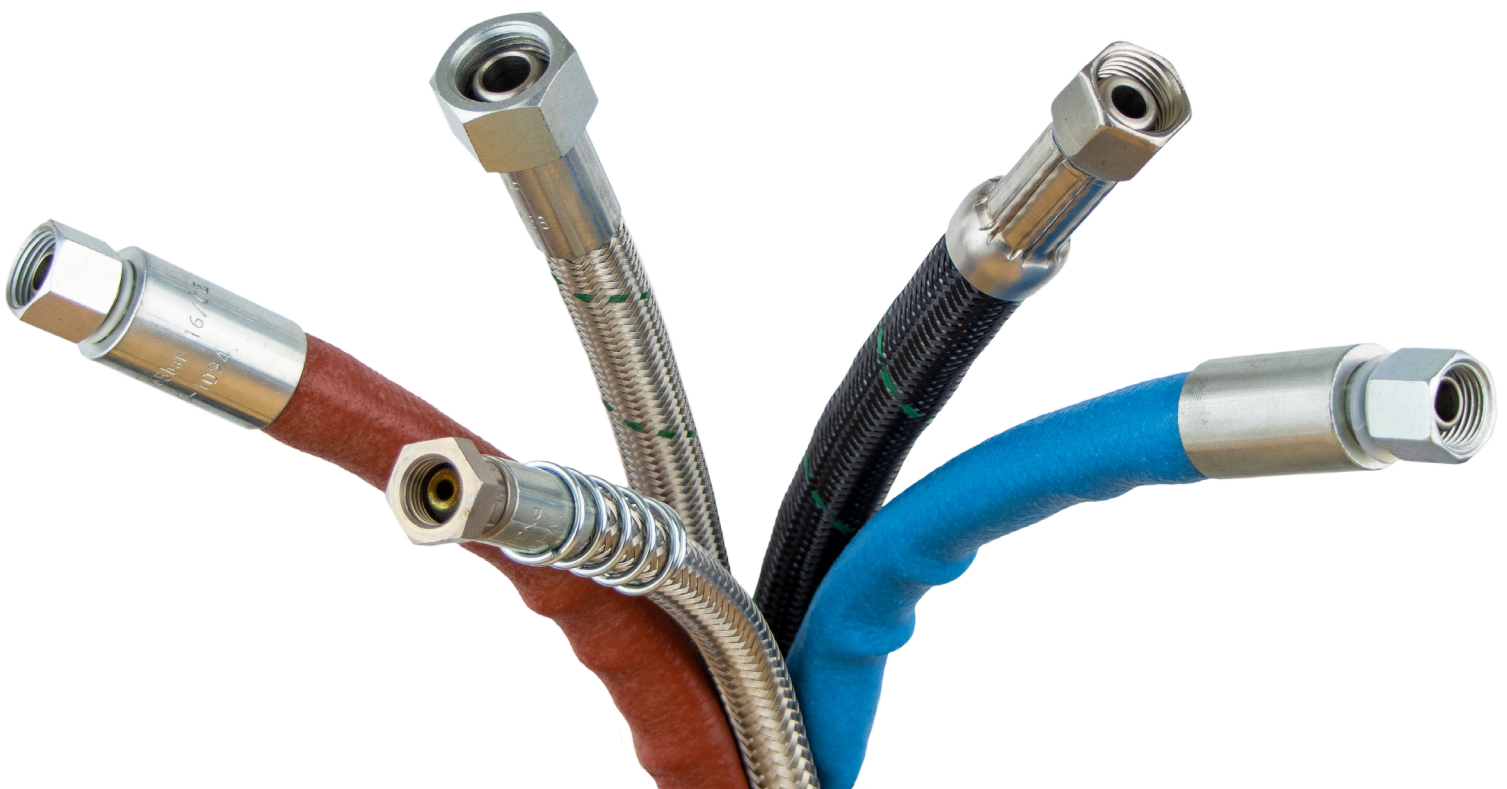


PFA HOSES, CORRUGATED PTFE HOSES, SMOOTH



PFA HOSES, CORRUGATED

PFA: High quality parallel-corrugated inner core made of perfluoroalkoxy copolymer

For use at high operating temperatures and chemical mediums; fittings made of stainless steel, brass and standard steel.



- High chemical resistance to almost all chemicals, cleaning agents and solvents
- Low weight and maximum flexibility in combination with high flexural strength
- Resistant to weather, UV light and aging
- Water absorption < 0.1%
- High thermal stability between -70°C and +200°C
- Extremely low inner coefficient of friction
- Corrugation made of stainless steel wire
- All types are reinforced with glass silk
- The core is made of PFA and has similar, in some cases superior properties than PTFE
- Customer-specific fittings can be added to the PFA hoses

Type	Size NW	Inner Ø (mm)	Outer Ø (mm)	Bending radius (mm)	Operating pressure (bar)	Burst pressure (bar)
WF06	6	6,8	11,5	30	90	360
WF08	8	7,7	12,5	40	70	280
WF10	10	9,7	15	50	65	260
WF13	13	12,5	18	60	60	240
WF16	16	15,5	22	60	55	220
WF20	20	19,8	27	70	45	180
WF25	25	28	34,8	80	30	120

PTFE HOSES, SMOOTH

PTFE: High quality inner core made of polytetrafluoroethylene

Reinforcement made of stainless steel wire corrugation ensures a burst pressure of up to 1,000 bar. Fittings made of stainless steel, brass, and standard steel.

- High chemical resistance to almost all chemicals, cleaning agents, and solvents
- Low weight in combination with high flexural strength
- Resistant to weather, UV light and aging
- Water absorption < 0.1%
- High thermal stability between -70°C and +200°C
- Extremely low inner coefficient of friction
- Braid made of stainless steel wire
- All types are reinforced with glass silk
- Customer-specific fittings can be added to the PTFE hoses

Type	Size NW	Inner Ø (mm)	Outer Ø (mm)	Bending radius (mm)	Operating pressure (bar)	Burst pressure (bar)
TN1-06	4	6,5	9,4	75	195	780
TN1-08	5	8	11,5	100	180	720
TN1-10	6	10,3	13,6	120	150	600
TN1-13	8	12,7	16,5	135	145	580
TN1-16	10	15,6	18,9	160	125	500
TN1-20	12	19,8	23,5	210	95	380
TN1-25	16	24,7	28	260	70	280



Image may differ from the actual product!

Subject to errors, omissions, and technical changes!

FITTINGS

DKL

- Universal hose nipple, lightweight series, for connecting to 24°/60° connector

NW	G	SW	To pipe
6 / 8 / 10	M14x1,5	17	8 L
8 / 10 / 13	M16x1,5	19	10 L
10 / 13	M18x1,5	22	12 L
13 / 16	M22x1,5	27	15 L
16	M26x1,5	32	18 L
20	M30x2,0	36	22 L
25	M36x2,0	41	28 L

DKR

- Universal hose nipple, union nut ISO 228/1

DN	G	SW
6 / 8 / 10	G1/4"	17
8 / 10 / 13	G3/8"	19
10 / 13 / 16	G1/2"	24 / 27
16 / 20	G3/4"	32
20 / 25	G1"	41

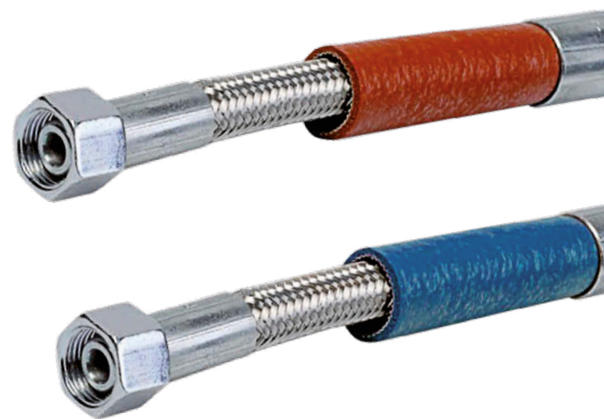
Image may differ from the actual product!

IF PROTECTIVE HOSE

This protective hose is the ideal choice for shock protection and for use as an insulating hose for our hose lines. For at the protective conduit The IF-type protective hose is a combination of a braided glass silk and a silicone foam coating. The silicone foam guarantees good thermal insulation as well as excellent mechanical protection against shock and impact.

- Thermal stability from -40°C to +240°C
- Good thermal insulation due to a low thermal conductivity $\lambda = 0.15 \text{ W/(m}\cdot\text{K)}$
- Resistant to UV light and gamma radiation and to ozone
- Resistant to fuels and lubricants
- For temporary exposure, outstanding resistance to water, water/glycol mixtures, steam, and cleaning agents of all kinds
- Plasticizer-free, and therefore indifferent to paint
- Good resistance to high temperatures and aggressive media
- Physiologically harmless
- Damping against shock and impact
- Acoustic damping
- Available in red and blue to make differentiation easier

Typ	Inner Ø (mm)	Outer Ø (mm)	Colors	
			red	blue
IF-13	13	17	•	
IF-18	18	22	•	•
IF-22	22	26	•	•
IF-26	26	30	•	•
IF-30	30	34	•	•
IF-40	40	46	•	



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