

Fluid Handling Technology: Hoses for the chemical Industry



With APSOfluid® - Fluid Handling Technology Angst+Pfister offers a market-oriented range of hoses and hose lines for almost all kinds of applications within the chemical industry. Angst+Pfister is your professional engineering partner for the transportation of solid, fluid or gaseous media.

The market requirements concerning the integration of fittings have become more and more challenging. Angst+Pfister complies with the recommendations and guidelines of the liability insurance association (Berufsgenossenschaft T 002).

Hose lines for the chemical industry

Hose lines for the transportation of chemical substances are subject to special requirements as for example the electrical conductivity. The norm DIN EN 12115:2011 for chemical hoses essentially distinguishes between the following classifications: class M, M/T, Ω , Ω /T. The professional assembly and testing of the hose lines are accomplished in our own production sites in Embrach, Switzerland.

The comprehensive range of Angst+Pfister services comprises a large variety of elastomer hoses - as well in combination with plastic liners. The complete product portfolio of our core brands APSOfluid® CHEMOLIT and APSOfluid® VAPOTHERM is available in stock.

Special features

- For operating temperatures from -40 to +210 °C
- Partly with FDA compliance, EC 1935/2004, (EU) Nr. 10/2011, USP Class VI
- Available for Ex Zones (ATEX)

Your benefit












- Professional on-site consultancy
- Own production site for professional fittings installation and labeling
- Process reliability

Fittings

For all hoses Angst+Pfister offers the needed fittings. The product portfolio comprises of lever arm couplings (KAMLOK®, AUTOLOK™), jaw clamping fittings, flanged fittings, Tri-Clamp and RACOSTEAM® steam hose fittings. Single components are available on short call in APSOparts®, the Online Shop of Angst+Pfister under apsoparts.com.

Contact

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Hose type	Description	Inner-Ø mm	Operating pressure bar	Vacuum resistance	Operating temperature °C	Inner material layer	Class	Compliance
CHEMOLIT® ED chemical hose, without spiral	 Flexible pressure hose, specifically configured and designed to the needs of the chemical industry	19 to 100	16		-35 to +95	EPDM, black	Ohm/T	EN 12115:2011, TRbF 131/2
CHEMOLIT® ESD chemical hose, with spiral	 Flexible suction and pressure hose, specifically configured and designed to the needs of the chemical industry	19 to 100	16		-35 to +95	EPDM, black	Ohm/T	EN 12115:2011, TRbF 131/2
CHEMOLIT® U chemical hose, with spiral	 Universal hose, resistant to most industrial acids, alkalis and solvents, black liner	19 to 100	16		-35 to +95	UHMW-PE, black	Ohm/T	EN 12115:2011, TRbF 131/2, FDA, BfR Kl. III EC 1935/2004, EU 10/2011
POLYPAL® PLUS universal chemical hose, with spiral	 Multi purpose chemical hose, resistant to almost all chemicals	13 to 100	16		-35 to +100	UPE-PE, black	Ohm/T	EN 12115:2011, TrbF 131/2
CHEMOLIT® UT chemical hose, with spiral	 For pharmaceutical products, cosmetics and food, white liner	19 to 100	16		-35 to +90	UHMW-PE, light - transparent	Ohm	EN 12115:2011, TRbF 131/2, FDA, BfR Kl. III, EC 1935/2004, EU 10/2011
CHEMOLIT® CLEAN ZEBRA	 Light, flexible, high-quality suction and pressure hose for most industrial acids, alkaline solutions and solvents	19 to 102	16	to 0.9	-35 to +100	UPE, smooth , white	Ohm/T	EN 12115 FDA, BfR EG 1935/2004 EG 2023/2006 DM 21/03/1973
CHEMOLIT® PTFE chemical hose, with spiral	 Top hose, universally resistant to all chemicals	13 to 75	16		-40 to +150	PTFE, black, smooth, homogenous, seamless	Ohm/T	EN 12115:2011, TRbF 131/2, FDA, USP Cl. VI, EC 1935/2004, EU 10/2011
ELAFON® PTFE universal hose, with spiral	 Branded hose, universally resistant to all chemicals	19 to 100	16		-30 to +150	PTFE, black, smooth, homogenous, seamless	Ohm/T	EN 12115:2011 FDA, USP Cl. VI
ELAFON® FEP PLUS universal hose, with spiral	 Allrounder, universally resistant to all chemicals	13 to 100	16		-30 to +100 (+130)	FEP, transparent, smooth, seamless	Ohm	EN 12115:2011, FDA, USP Cl. VI
VAPOTHERM® 160 steam hose, without spiral	 Highest quality for the DIN EN ISO 6134 - 1A transporting saturated steam	13 to 25	6		-40 to +120 (+164)	EPDM, black, smooth, non-porous	Ohm	EN ISO 6134, Type 1, Class A
VAPOTHERM® 210 steam hose, without spiral	 Highest quality for the DIN EN ISO 6134 - 2A transporting superheated steam	10 to 50	18		-40 to +100 (+210)	EPDM, black, smooth, non-porous	Ohm	EN ISO 6134, Type 2, Class A



APSOparts®

the Online Shop of Angst + Pfister
www.apsoparts.com

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