

Fluid Handling Technology: Hoses for the Food Industry



Whether for drinking water, fat-containing, alcoholic or abrasive media, the Angst+Pfister APSOfluid® Fluid Handling Technology combines superior expert knowledge, excellent product quality and a wide range of hoses and fittings.

Strict requirements apply to drinking water and food-grade hoses. They must be tasteless, odorless and extremely resistant. Not only the quality of the products is important, but also qualified advice.

Our range of products is market-related with all the necessary approvals such as KTW, DVGW W270, BfR or FDA. The complete product assortment of our key brands GOLDSTAR, LACTAPRESS, LACTOVAP, NYLFLEX BIO is available in stock.

Currently relevant is the compliance with the regulation EU Nr.10/2011 for plastics intended to come into contact with food – Plastic Implementation Measure, PIM – on the basis of the regulation EC 1935/2004 as it is mandatory since January, 1st, 2016.

Almost the whole range of APSOfluid® elastomer hoses are already compliant with the regulation EC 1935/2004. Hoses with an inner plastics layer (liner in contact with medium) are largely compliant.



Features

- Suitable for CIP-cleaning
- High temperature and pressure resistance
- Professional integration of fittings

Benefits

- Competent consulting on-site
- Cost saving (lifetime)
- Process reliability due to highest product quality

Fittings

For all hoses Angst+Pfister offers the needed fittings. From DIN 11851, SMS, DIN 32676 (TriClamp) to DIN 14420 the whole range of according products is available. Single components are available as well on short notice 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	Compliance
LACTAPRESS ROBUST*	 Flexible, high quality pressure hose for fatty and non-fatty foods	19 to 76	16		-25 to +100	NBR, smooth, white	FDA, BfR, EC 1935/2004; EC 2023/2006; DM 21/03/1973
LACTA-COLLECT	 Light, flexible, high-quality suction and pressure hose for milk collecting trucks and reception stations	25 to 102	6	to 0.9	-40 to +80	NR, smooth, white	FDA, BfR, EC 1935/2004; EC 2023/2006; DM 21/03/1973
UNIVERSAL Food&Drink UPE	 High performance food hose specially developed for conveying alcoholic media up to a concentration of 99% as well as a wide range of fatty and non-fatty foods	38 to 102	16	to 0.9	-35 bis 100	UPE, smooth, transparent	FDA, BfR, EC 1935/2004; EC 2023/2006; DM 21/03/1973; EU 10/2001
LACTAPRESS Smooth	 Food pressure hose for fatty and non-fatty foods, especially for conveying steam and hot water for cleaning purposes in dairies	13 to 25	20		-35 to 100	NBR, smooth, white	FDA; BfR
LACTOVAP Dairy steam hose	 Flexible steam hose for mobile cleaning works in the food industry	10 to 50	20/6		-30 to +95 (+164)	EPDM, smooth, light	FDA, BfR, EC 1935/2004
PURPURSCHLANGE® PLUS CONDUCTIVE	 The world's Nr.1 beer- and beverage hose	19 to 50	16		-30 to +90 (+130)	EPDM, smooth, light**	FDA, BfR, EC 1935/2004
GOLDSTAR™ E Beverage hose	 Flexible, supple transport hose for fruit juices, mineral water and alcoholic beverages like wine and cider	13 to 100	12		-35 to +95 (+130)	EPDM, smooth, light	FDA, BfR, EC 1935/2004
ALCODIAL Food hose	 Highly flexible food hose with inner UPE layer for universal use in the food industry	25 to 76	10		-30 to +80 (+110)	UPE, smooth, light	FDA, EU 10/2011, WRAS (cold water)
PLASTSPIRAL™ WINE Food hose	 Transparent, high vacuum resistant suction and pressure hose for non-adipose media	30 to 50.8	5 to 7		-10 to +60	PVC-P, corrugated, transparent	EU 10/2011 (Class A, B, C)
SILTORRID V Silicon hose	 High-quality, very flexible pressure hose for media of highest purity	25 to 50	6 to 10		-60 to +200	VMQ, smooth, white, platinum-cured	FDA, BfR, DM 21/03/1973 and BROCHURE 1227
UNISIL™ R Silicon pressure hose	 Flexible, neutral in odor and taste pressure hose with smooth red silicon rubber coating	6 to 45	5 to 13		-50 to +180	VMQ, smooth, milky-transparent	FDA, BfR
NYLFLEX Food	 Light, transparent universal hose for the transportation of liquid foods	6 to 50	4 to 21	to 0.95	-10 to +60	PVC-P, transparent	EC 1935/2004; 10/2011 Kat. A, B, C
FEFLEX Food	 Robust, transparent suction and pressure hose for the transportation of liquid foods: beverages, juices, wine, liqueurs max. 20% alcohol	6 to 127	1.2 to 5	to 0.95	-10 to +60	PVC-P, transparent	EC 1935/2004; 10/2011 Kat. A, B, C
AIRSPIR™ PUR-WP 9/PUR-WP 14 Profile hose	 Robust delivery hose with integrated steel wire spiral; resistant to hydrolysis and microbes	25 to 400	0.1 to 3.0		-40 to +100	Ether-PU, smooth, transparent	FDA, BfR, EC 1935/2004 (EU) 10/2011
Drinking water hose UBA-DVGW	 High-quality flexible pressure hose for drinking water	6 to 38	15		-30 to +90	TPE	UBA-KTW; DVGW-W270; E C 1935/2004; EC 2023/2006; EU 10/2001
AQUA DRINK HOSE KTW-BWGL	 High-quality, robust drinking water hose with heat-resistant outer layer	10 to 50	10 to 20	to 0.7	-60 to +160	VMQ, smooth, white	FDA; BfR; EC 1935/2004; EC 2023/2006; UBA-KTW; EN16421 (W270)

* also available with spiral

** also available with UPE inner layer

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