

## Fluid Handling Technology: Hoses for the Food Industry



Whether for drinking water, fat-containing, alcoholic or abrasive media, the Angst+Pfister APSOfuid® 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 and odorless and must be extremely resistant. Product quality isn't the only thing that counts; qualified advice also matters.

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 to 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 APSOfuid® 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](http://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
LACTOPAL® Milk- and dairy hose without spiral*	 Flexible, high-quality pressure hose for fat-containing foods	13 to 50	16	•	-30 to +80 (+130)	NBR, smooth, light	FDA, BfR, EC 1935/2004
COLLECTOR® Milk tanker truck hose	 High-quality transport hose for milk collecting trucks and reception stations	40 to 63	6	•	-40 to +70 (+130)	NR, smooth, light	FDA, BfR, EC 1935/2004
COLLECTOR® FLEX Milk tanker truck hose	 Optimized transport hose with rigid PVC reinforcement for milk collecting trucks and reception stations	40 to 100	6	•	-40 to +70 (+130)	NR, smooth, light	FDA, BfR, EC 1935/2004
LACTAPRESS Beverage hose, blue	 Flexible, solide food hose for fat-containing foods, ideal for hose reel systems	13 to 50	10		-20 to +90 (+164)	NBR, smooth, light	FDA, BfR, EC 1935/2004
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® Beer-, Wine- and Cider hose	 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 lyer 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 W 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™ BIO PVC Food hose	 Light, transparent universal hose for the transportation of liquid foods	6 to 50	4 to 20		-10 to +60	PVC-P, smooth, transparent	FDA, EC 1935/2004, EU 10/2011, Category A, B, C
FERFLEX™ BIO PVC Food hose	 Robust, transparent suction and pressure hose for the transportation of liquid foods: beverages, juices, wine, liqueurs max 20% alcohol	6 to 151	1.2 to 5	•	-10 to +60	PVC-P, smooth, transparent	FDA, EC 1935/2004, EU 10/2011, Category 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 WATER - KTW	 High-quality, robust and highly flexible drinking water hose, with high ozone and weather resistance coating	10 to 50	20		-30 to +55	UPE, transparent	FDA, KTW Cat. "A", DVGW-W270, BfR Cat. III, EC 1935/2004, EU 10/2011
AQUAPAL Drinking water hose	 High-quality robust drinking water hose with oil resistant coating	10 to 38	20		-20 to +90	Special plastomere coating	FDA, KTW Cat. "A", DVGW-W270, DVGW-type approval certificate (VP 549), WRAS, EC 1935/2004, EU 10/2011

\* also available with spiral

\*\* also available with UPE inner layer

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