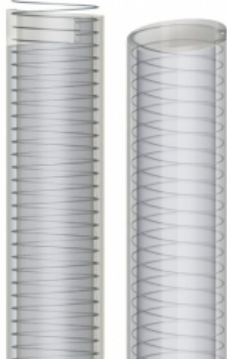
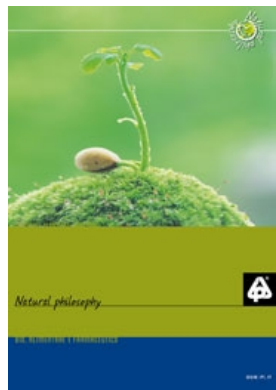




# FOOD AND PHARMACEUTICAL PHARMASTEEL



## PHARMASTEEL

**Temperature range:** -30°C + 125°C

**Colour:** transparent

**Features:** flexible hose made by thermoplastic rubber and reinforced by stainless steel spiral. Inside and outside completely smooth to enhance flow properties and to allow easy cleaning and sterilization processes. Developed to be used in the pharmaceutical industry according to USP CLASS VI. Food grade according to the European 2007/19/CE norm, classes A, B, C, D (fatty food and milk); food grade also according to FDA regulations (Title 21 CFR 177.1680 e 177.2600). Odorless, it doesn't change the organoleptical properties of the delivered materials. Very good hydrolysis and microbes resistance. Flexible and not heavy though its wall thickness. Good resistance to mineral oils and chemicals, excellent resistance to ozone, weather and aging. Halogen free and conform to RoHS regulations. Instead of a conventional silicone hose, Pharma press do not need any vulcanization process, allowing to save energy sources and to limit CO2 emissions in the atmosphere.

**It can be sterilized in autoclave at 121 C.**

**Application:** delivery of pharmaceutical liquids and substances. Delivery of food materials, even if fatty. For drinks like wine, vinegar, spirits with max 15% alcohol content..

**Connection systems:** Pharma press can be connected with SAFEFLEX and crimped stainless steel fittings.

## Technical Data

Part number	Inside Ø	Outside Ø	Weight	Working pressure	Bursting pressure	Vacuum	Bending radius	Roll length	Volume
	mm	mm	g/m	bar	bar	mH2O	mm	m	m <sup>3</sup>
HS 01 013.0 019.0	13	19	175	2.7	13.5	8.5	60	60	0.038
HS 01 016.0 022.4	16	22.4	220	2.3	11.5	8.5	70	60	0.048
HS 01 019.0 026.0	19	26	265	2.3	11.5	8.5	90	60	0.071
HS 01 025.0 033.0	25	33	400	1.5	7.6	8.5	110	60	0.111
HS 01 032.0 040.4	32	40.4	520	1.5	7.6	8.5	140	60	0.171
HS 01 013.0 019.0	38	47	635	1.2	6.2	8.5	170	30	0.114
HS 01 051.0 061.0	51	61	1035	1.0	4.8	8	230	30	0.213

