



IPL suggests: SAFEBACK® - reusable connection system, stainless steel 316L designed to be installed in the pharmaceutical, food and chemical industries.

PHARMASTEEL PRESS HT

Temperature range: -30°C + 135°C

Colour: translucent with stainless steel spiral and yarn to facilitate flow controls.

Features: flexible, lightweight hose made from TPE hygienic rubber reinforced by stainless steel spiral and high tenacity polyester plies. Inside and outside completely smooth to enhance flow properties and allow easy cleaning and sterilization processes.

Developed to be used in the pharmaceutical industry according to USP CLASS VI.

Food grade according to the EU Regulation 10/2011, FDA regulations (Title 21 CFR 177.2600). Compliant with the pharmaceutical standards USP CLASS VI. Resistant to hydrolysis and proliferation of bacteria.

The extruded, low porosity TPE tube reduces permeation problems. Highly neutral in taste and odor, it preserves the organoleptic properties of the medium. Good chemical resistance to acids and alkaline solutions, good abrasion resistance and impermeability.

Excellent resistance to ozone, ageing and weather with built-in marking to prevent easy removal and ensure traceability also after repeated use.

Pharmasteel Press HT does not need any vulcanization process, therefore it prevents the risk of leaching of residues into the end product (peroxide or platinum volatile rests) and allows to save energy sources and limit CO2 emissions.

The hose can be **sterilized in line with 134 °C** and in autoclave

Application: ideal solution to transfer cosmetic, health care, food and pharmaceutical products. For premium wines, fruit juices, vinegar, spirits with max. 50% alcohol content, creams, soaps, aromas, pigments. Not for fatty foods

Connection Systems : SAFEBACK

Technical Data

Article	Ø inside	Ø outside	Weight	Work. pressure	Burst. pressure	Vacuum	Bending R.	Coil length	Volume
	mm	mm	g/m	bar	bar	mH2O	mm	m	m ³
HT 01 013.0 023.5	13	23.5	310	17	51	10	65	60	0.050
HT 01 020.0 032.0	20	32.0	495	13	39	10	100	60	0.127
HT 01 025.0 037.5	25	37.5	635	12	36	10	125	60	0.159
HT 01 032.0 044.0	32	44.0	750	11	33	9	160	60	0.218
HT 01 038.0 051.0	38	51.0	940	10	30	9	190	30	0.233
HT 01 050.5 065.0	50,5	65.0	1440	8	24	8	250	30	0.291
HT 01 063.0 079.0	63	79.0	1920	7	21	8	315	30	0.379
HT 01 076.0 091.0	76	91.0	2070	6	18	7	380	30	0.603
HT 01 102.0 118.0	102	118.0	2980	4	12	7	510	20	0.801