



Propharm® CF-HP

Internally and externally smooth silicone flexible hose. Designed pharmaceutical applications. Autoclavable, it can be cleaned in place (CIP) and steamed in place (SIP) with steam at +135°C. Due to the permeation and diffusion of the silicone during cleaning and steaming of the hose, the mechanical and volumetric features of the silicone naturally degenerate. It is therefore advisable to check the flexible hoses every total 150 hours' cleaning.

KEY FEATURES

- * "High Purity" silicone for pharmaceutical, cosmetic, dairy, food, chemical industry.
- * Reinforcement, high temperature resistant plies, stainless steel wire helix
- * Temperature rating: -76°F (-60°C) to 356°F (180°C)
- * Available from stock, in coils up to 4 metres



REGULATION

- * **USP Testing:** XXXII class VI
- * **ISO Testing:** 10993 Sections 4, 5,10,11
- * **FDA Testing:** CFR 21 PART 177.2600
- * **European Pharmacopeia Testing:** 3.1.9 Ed. 5.3 2006
- * **REACH:** 1907/2006/CE

DN	ID (mm)	OD (mm)	Wall Thickness (mm)	Bending Radius (mm)	WP @ 20°C* (Bar)	BP @ 20°C (Bar)	Vacuum** (mm/Hg)	Weight (Kg/mt)
1/2"	12,7	25,1	6,2	75	10	40	680	0,53
3/4"	19,0	31,4	6,2	85	10	40	680	0,70
1"	25,4	37,8	6,2	105	10	40	680	0,97
1 1/4"	31,8	44,2	6,2	120	10	40	680	1,05
1 1/2"	38,1	50,5	6,2	140	10	40	680	1,41
2"	50,8	63,2	6,2	250	10	36	680	1,66
2 1/2"	63,5	75,9	6,2	300	7	28	600	2,00
3"	76,0	88,6	6,2	390	4	16	600	2,43
4"	102,0	114,0	6,2	880	3	9	550	3,00

*) WP will decrease by 1% for every 1°C rise over 121°C.

**) Vacuum resistance will decrease by 1% for every 1°C rise over 121°C.

Vacuum resistance measured by bending the hose twice its minimum bend radius at 20°C.

