



Propharm® WHP

Low volatile grade, platinum-cured silicone hose for critical pharmaceutical, biomedical, cosmetic, and food applications comprises the liner of WHP. The liner is then slipped onto a mandrel and wrapped with polyester mesh fabric, 316 stainless steel reinforcing wire, and additional silicone. It is cured into a homogeneous hose to enhance its pressure and vacuum capabilities. WHP has undergone extensive physical, chemical, and biological testing and meets USP Class VI, FDA CFR 177.2600, ISO 10993, European Pharmacopoeia 3.1.9, and 3-A standards. WHP is not intended for implantation and is not to be used for continuous steam applications.

KEY FEATURES

- * Low volatile grade silicone suitable for pharmaceutical, biomedical, cosmetic, and food
- * Liner made of silicone (NI-202) certified by the N.S.F. for food equipment materials (NSF-51)
- * Hardness value of 70 Shore A
- * General temperature range: -100°F (-73.3°C) to 350°F (176.6°C)
- * Sterilizable by autoclave, CIP, SIP, and gamma radiation processes
- * Documented lot traceable with identification on bags
- * Complete validation package available upon request
- * Master File with the U.S. Food and Drug Administration (#27582)

REGULATION

- * **USP Testing:** 85; 87; 88 (Class VI) 70 C for 24 Hrs; 381; 661
- * **ISO Testing:** 10993
- * **NSF LISTING:** 51
- * **3-A Sanitary Procedure:** 18-3 Class I
- * **FDA Testing:** 21 CFR 177.2600
- * **DMF:** NI202 Liner-27582
- * **European Pharmacopeia Testing:** 3.1.9
- * **REACH, RoHS**



DN	ID (mm)	OD (mm)	Wall Thickness (mm)	Vacuum (mm/Hg)	WP (Bar)	BP* (Bar)	Bending Radius (mm)	App. Weight (Kg)
½"	12,70	23,11	5,21	760	10,3	41,4	51	0,418
¾"	19,05	29,46	5,21	760	10,3	41,4	63	0,534
1"	25,40	35,81	5,21	760	10,3	41,4	89	0,652
1½"	38,10	48,51	5,21	760	10,3	41,4	102	1,019
2"	50,80	61,21	5,21	760	8,6	34,5	152	1,302
2½"	63,50	73,91	5,21	760	8,6	34,5	279	1,562
3"	76,20	86,61	5,21	CF	6,9	27,6	330	1,830
4"	101,60	112,01	5,21	CF	6,9	27,6	CF	2,545

Wall dimensions for all sizes and styles: .205"; 5.21mm
CF = Consult Factory

*For every 100°F of temperature over 70°F (up to 350°F), reduce the burst pressure by 5%.

NOTE: When products are used as part of an assembly, the pressure ratings of fittings may be less than hose pressure ratings above.

