



Propharm® RHP

Low volatile grade, platinum-cured silicone hose is clean-room produced for critical pharmaceutical, biomedical, cosmetic, and food applications.

Polyester yarn braiding inside the wall enhances pressure capabilities. RHP 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.

RHP is not intended for implantation and is not to be used for continuous steam applications.

KEY FEATURES

- * Hardness value of 65 Shore A (validatable liner: 70A; cover: 60A)
- * General temperature range: -100°F (-73.3°C) to 400°F (204.4°C)
- * Sterilizable by autoclave, CIP, SIP, and gamma radiation processes
- * Certified by the National Sanitation Foundation for food equipment materials (NSF-51)
- * Certified free of animal-derived ingredients
- * Manufactured and packaged in a Class 7 (Class 10,000) ISO-certified clean room
- * Stocked in 25 and 50 ft. coils
- * Documented lot traceable with identification on bags
- * Complete validation package available upon request
- * Color tracer braid available for easy identification
- * Double bagging and other packaging options available
- * RHP has a 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 Pharmacopoeia Testing:** 3.1.9
- * **REACH, RoHS**



ID (mm)	Thickness (mm)	OD (mm)	WP (Bar)	BP (Bar)	Bending Radius (mm)	App. Weight (Kg)
1,59	2,67	7,16	13,79	53,44	CF	0,046
3,18	3,05	9,53	12,07	48,27	CF	0,076
4,76	3,30	11,73	11,72	44,82	CF	0,109
6,35	3,17	12,70	9,65	37,92	25,4	0,115
9,53	3,17	15,88	9,65	37,92	25,4	0,152
12,70	4,75	22,23	7,24	28,96	76,2	0,314
15,88	4,32	25,15	6,90	27,58	76,2	0,359
19,05	4,45	28,58	6,21	24,13	101,6	0,427
22,23	4,57	32,00	4,48	17,24	127,0	0,500
25,40	4,83	35,69	4,14	15,51	152,4	0,597

CF = Consult factory

*For every 100°F of temperature over 70°F (up to 400°F), reduce the burst pressure by 10%.

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

