



ULTRA HP

Ultra-HP hose is constructed with multiple layers of reinforced Ultra platinum-cured silicone, 316L stainless steel helical wire reinforcement. The FEP liner is fully bonded to the silicone hose utilizing patented bonding technology, providing a high purity fluid path.

The smooth inner bore surface ensures both optimal flow and ease of cleaning and sanitization. Light weight and exceptional flexibility make this hose extremely user-friendly. State-of-the-art manufacturing techniques ensure tight dimensional tolerances, making assembly a simple process.

KEY FEATURES

- * Silicone Hose with FEP Liner
- * Reinforcement: Ultra-HP hose is constructed with multiple layers of reinforced Ultra platinum-cured silicone, 316L stainless steel helical wire reinforcement
- * General temperature range: -54°C / +177°C (-65°F / +350°F)
- * Sterilization SIP, Radiation and Gas (ethylene oxide)

REGULATION

LINER

- * **USP Testing:** 71; 85; 87; 88; 381; 661; 788 (Class VI)
- * **FDA Testing:** 21 CFR 177.1550
- * **ISO Testing:** 10993
- * **European Pharmacopeia Testing:** 3.1.9

COVER

- * **USP Testing:** 71; 85; 87; 88; 381; 643; 661; 788 (Class VI)
- * **FDA Testing:** 21 PART 177.2600
- * **ISO Testing:** 10993
- * **European Pharmacopeia Testing:** 3.1.9

DN	ID (mm)	OD (mm)	Working Pressure (Bar)	Burst Pressure* (Bar)	Bending Radius (mm)	Weight (Kg/mt)	Length (m)
1/2"	13,0	21,0	10	40	58,0	0,45	3,66
3/4"	19,0	27,0	10	40	88,9	0,58	3,66
1"	25,0	38,0	10	40	127,0	0,64	3,66
1 1/2"	38,0	51,0	10	40	177,8	1,07	3,66
2"	51,0	64,0	10	40	266,7	1,64	3,66

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

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

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

