

IPOTEC

Innovation in Polymer Technology

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Natural Translucent Silicone Rubber Pressure Hose with Braided Polyester Yarn Reinforcement

Standard Sizes

Standard tolerances on inside diameter: ISO 3302-1 Class E2

Ipotec Part No.	Nominal Size	Inside Diameter		Total Wall		Approximate Outside Diameter		* Burst Pressure		Minimum Bend Radius	
		(in)	(mm)	(in)	(mm)	(in)	(mm)	(psi)	(Mpa)	(in)	(mm)
SPH00111	1/16	0.063	1.60	0.125	3.20	0.313	8.00	870	6.0	1.0	25
SPH00211	1/8	0.125	3.20	0.125	3.20	0.375	9.50	780	5.4	1.2	30
SPH00311	3/16	0.188	4.80	0.125	3.20	0.438	11.10	650	4.5	1.6	40
SPH00411	1/4	0.250	6.40	0.156	4.00	0.563	14.30	520	3.6	2.0	50
SPH00511	5/16	0.313	8.00	0.138	3.50	0.590	15.00	480	3.3	2.4	60
SPH00611	3/8	0.375	9.50	0.156	4.00	0.687	17.10	450	3.1	2.8	70
SPH00711	1/2	0.500	12.70	0.156	4.00	0.815	20.70	390	2.7	3.2	80
SPH00811	5/8	0.625	15.90	0.180	4.60	0.984	25.00	360	2.5	4.0	100
SPH00911	3/4	0.750	19.10	0.188	4.80	1.125	28.60	330	2.3	6.0	150
SPH01011	7/8	0.875	22.20	0.188	4.80	1.250	31.80	260	1.8	6.6	170
SPH01111	1	1.000	25.40	0.188	4.80	1.375	34.90	200	1.4	7.2	185

Burst pressures are typical results obtained at 70 F (20 C). The figures are approximate and provided for comparison only and do not constitute a specification. An adequate safety allowance (minimum 3:1) must be made in determining maximum working pressure.