

IPOTEC

Innovation in Polymer Technology

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Silicone Sleeves for Corona Treatment Rolls

Standard Sizes, Tolerances and Physical Properties

Standard Sizes and Tolerances

Roll Dia. (inch)	Sleeve ID		Wall Thickness		
	inch	mm	inch	mm	Maximum variation in any 100 inch (2.5m) cut length is 0.005 inch (0.13mm)
1.5	1.340 ± 0.080	34.0 ± 2.0	0.080 ± 0.008	2.0 ± 0.2	
2.0	1.810 ± 0.080	46.0 ± 2.0			
2.5	2.240 ± 0.080	57.0 ± 2.0			
3.0	2.680 ± 0.080	68.0 ± 2.0			
3.5	3.150 ± 0.100	80.0 ± 2.5			
4.0	3.540 ± 0.120	90.0 ± 3.0			
6.0	5.500 ± 0.120	140.0 ± 3.0			
8.0	7.480 ± 0.160	190.0 ± 4.0			

Typical Physical Properties

Durometer (ShA)	(ASTM D2240)	65 +/-5
Specific Gravity	(ASTM D792)	1.2
Tensile Strength (psi)	(ASTM D412)	1275
Tear Strength (ppi)	(ASTM D624 B)	123
Elongation at Break (%)	(ASTM D412)	440
Dielectric Strength (V/mil)	(ASTM D149)	500

Unless specifically stated data relates to general-purpose materials. Some properties of special grades may differ. Information provided in this data sheet is indicative and is given in good faith but without warranty, express or implied. Whilst test results are deemed to be reliable, performance of these products is dependent on conditions of use and it is the responsibility of the user to determine suitability for a particular application.