

PRODUCT SELECTION GUIDE

PROTECTION



Light Bulbs Rollers Electrical

Product	Typical Applications	Packaging	Shrink Temperature °C (°F)	Working Temperature °C (°F)	Expansion Ratio (Max)	Expanded ID Max mm (in)	Wall Thickness After Shrinking mm (in)	Shrink Length Tolerance	Dielectric Strength kV/mm	Transparency to Visible Light	UV Transmittance at 254nm
PTFE Heat Shrink Tubing	Electrical Insulation, Wire Protection	Long Length and Cut-Pieces Standard Length of 4ft (1.22m)	300 - 320 (570 - 610)	260 (500)	2:1 ; 4:1	100 (3.9)	0.15 - 1 (0.005 - 0.039)	+/- 10%	15.7 - 19.7*	Medium	N/A
FEP Heat Shrink Tubing	Electrical Insulation, Wire Protection, Light Bulbs Covering	Long Length and Cut-Pieces Standard Length of 4ft (1.22m)	140 - 180 (284 - 356)	205 (400)	Up to 1.5:1	50 (1.96)	0.20 - 0.50 (0.007 - 0.019)	+/- 10%	13 - 100	High	90% Standard Wall 0.30mm
UV-1000 Heat Shrink Tubing	Protection of UVC Lamps and Quartz Tubes for Water Treatment, Air and Surface Disinfection	Long Length and Cut-Pieces Standard Length of 4ft (1.22m)	300 (570)	260 (500)	Up to 1.5:1	50 (1.95)	0.20 - 0.50 (0.007 - 0.019)	+/- 10%	N/A	High	94% Standard Wall 0.30mm
FEP Roll Cover	Roll Covering Used in Printers, Textile, Pulp, and Paper Industries	Up to 10m	120 - 200 (250 - 400)	205 (400)	Up to 1.5:1	400 (15.75)	0.30 - 0.60 (0.012 - 0.023)	N/A	13 - 100	High	N/A
PFA Roll Cover	Roll Covering Used in Printers, Textile, Pulp, and Paper Industries	Up to 10m	120 - 200 (250 - 400)	260 (500)	Up to 1.5:1	400 (15.75)	0.30 - 0.60 (0.012 - 0.023)	N/A	78.8*	High	N/A
PTFE/FEP Dual Heat Shrink Tubing	Components Encapsulation, Temperature Sensor Protection, Wire Splicing	Cut-Length Up to 10m Standard Length of 4ft (1.22m)	300 - 320 (570 - 610)	210 (410)	4:1	25.4 (1)	0 - 1.65 (0 - 0.065)	+/- 10%	> 15	Medium	N/A
FEP Over-Extrusion	Light Bulbs Covering, Steel Pipes Covering for Heat Exchangers	Dependent Upon Parts to Coat	N/A	205 (400)	N/A	50 (1.95)	0.20 - 1 (0.007 - 0.039)	N/A	13 - 100	High	85% Standard Wall 0.20mm
PFA Over-Extrusion	Light Bulbs Covering, Steel Pipes Covering for Heat Exchangers	Dependent Upon Parts to Coat	N/A	260 (500)	N/A	50 (1.95)	0.20 - 1 (0.007 - 0.039)	N/A	78.8*	High	N/A
UV-1000 Over-Extrusion	Protection of UVC Lamps and Quartz Tubes for Water Treatment, Air and Surface Disinfection	Dependent Upon Parts to Coat	N/A	260 (500)	N/A	50 (1.95)	0.20 - 1 (0.007 - 0.039)	N/A	N/A	High	90% Standard Wall 0.20mm

*Thickness from 0.025-2.5mm. Values decreasing with increasing thickness.