

PRODUCT INFORMATION



IDENTIFICATION AND PROTECTION SYSTEMS

Product Reference: **33H**

POLYOLEFIN HEATSHRINKABLE END CAPS

Produced from a heatshrinkable semi-flexible cross-linked flame retarded modified polyolefin material with an operating temperature range of -55°C to +100°C.

Expanded Diameter (min)	Recovered Diameter (max)	Recovered dimensions fully shrunk		
		Length ± 10%	Wall ± 20%	For Cable Diameters
H	H			
15.0	4.0	38.0	2.8	4-12
23.0	8.0	64.0	3.0	8-18
40.0	15.0	94.0	3.0	15-32
63.0	24.0	143.0	4.0	25-50
76.0	30.0	138.0	5.2	30-60
100.0	40.0	180.0	4.5	40-80
100.0	65.0	150.0	4.0	65-80

Properties	Typical Results	Test Method
Tensile Strength	14.6MPa	IEC 540
Ultimate Elongation	600%	IEC 540
Dielectric Strength	11 kV / mm	ASTM D2671
Flammability	Self Extinguishing	ASTM D635
Water Absorption at 25°C	<0.03%	ASTM D570
Solvent Resistance Saline Hydraulic Fluid Lubricating Oil De-icing Fluid Aviation Fuel	Excellent Good Very Good Very Good Fair	Def. Stan. 59-97/3
Thermal Ageing (168 hours / 175°C)	13.8 Mpa 520%	IEC 540
Thermal Shock (4 hours / 225°C)	Pass	ASTM D2671
Copper Corrosion at 175°C	Pass	Def. Stan. 59-97/3
Low Temperature Flexibility (-55°C)	Pass	ASTM D2371 Method C
Colour	Black	
Minimum Shrink Temperature	135°C	