

HellermannTyton

DATA SHEET

403-19064 boot: RFS 94740469

DESCRIPTION

A heat-shrinkable, flexible, halogen free, flame retarded, adhesive lined modified polyolefin boot with excellent fire safety properties and an operating temperature range of -55°C to +105°C.

APPLICATION

Harnessing for limited fire hazard environments in telecom applications.

MATERIAL PROPERTIES

Properties	Typical Results	Test Method
Tensile Strength	15 MPa	IEC 540
Elongation	500%	IEC 540
Dielectric Strength	15 kV/mm	ASTM D2671
Water Absorption at 25°C	0.05%	ASTM D570
Solvent Resistance Water IPA Insulating Oil	Excellent Good Good	IEC 62677
Flammability	HB	ASTM D635
Thermal Ageing (168 hours / 175°C)	14 MPa / 520%	IEC 540
Thermal Shock (4 hours / 225°C)	Pass	ASTM D2671
Copper Corrosion at 175°C	Pass	IEC 62677
Low Temperature Flexibility (-55°C)	Pass	ASTM D2671 Method C
Standard Colour	Black	
Shelf Life	5 years	
Minimum Shrink Temperature	135°C	

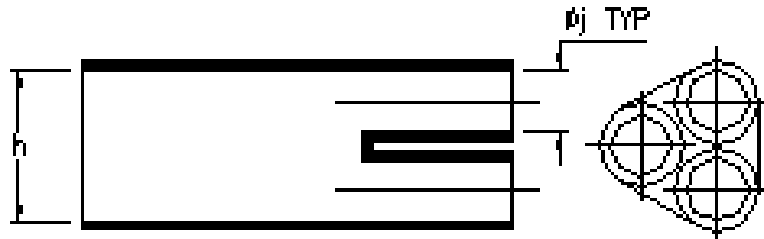
ADHESIVE PROPERTIES

Properties	Typical Results	Test Method
Softening Point	95°C	ASTM E28
Peel Strength for: XLPE / Metal XLPE / XLPE	80 N/25mm 250 N/25mm	VG 95-343 Pt 14
Lap Shear Strength for: XLPE / Metal XLPE / XLPE	200 N 225 N	VG 95-343 Pt 15 (12.5mm x 25mm)
Solvent Resistance	Fair under splash conditions.	
Dynamic Shear at 23°C	365 N	VG 95-343 Pt 14

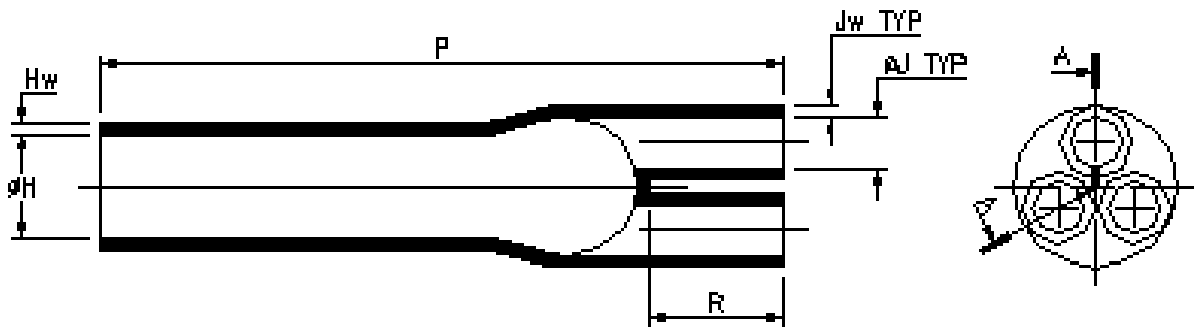
MATERIAL STANDARDS

Approved to:

Conforms to: ESI 09-11, EC 62677-3-101 (standard in preparation),



Expanded (as supplied)



SECTION A-A

Recovered

RFS number	UNS	Expanded Dimensions		Recovered Dimensions					
		h Min.	j Min.	H Max.	J Max.	P ± 10%	R ± 10%	Hw ± 20%	Jw ± 20%
94740469	403-19064	31.0	13.0	17.5	4.6	93.5	28.5	2.9	2.9

All dimensions in mm, refer to product drawing for full dimensional details