

HellermannTyton

DATA SHEET

PST-H & PST-HT: Heatshrink Tubing

DESCRIPTION

A heat shrinkable flexible high performance elastomeric tubing with an operating temperature range of -75°C to +150°C. It is supplied printed with the VG 95343/5 D print.

PST-HT is a thin wall version of PST-H

APPLICATION

PST-H and PST-HT are used in aerospace, railways, autosport and defence cable harness applications. PST-HT, because of the thin wall, is well suited to low weight applications.

PROPERTIES

Properties	Typical Results	Test Method
Tensile Strength	15 MPa	IEC 540
Elongation	580%	IEC 540
Dielectric Strength	14 kV/mm	ASTM D2671
Water Absorption at 50°C	< 0.1%	ASTM D570
Solvent Resistance		Def. Stan. 59-97
Saline	Excellent	
Hydraulic Fluid	Very Good	
Lubricating Oil	Very Good	
Aviation Fuel	Very Good	
Automotive Fuel	Very Good	
Diesel Fuel	Very Good	
De-icing Fluid	Very Good	
Methyl Ethyl Ketone	Excellent	
Flammability	<25mm	ASTM D635
Thermal Ageing (168 hours / 160°C)	400%	VG 95-343 Part 2
Thermal Shock (30 minutes / 250°C)	Pass	ASTM D2671
Low Temperature Flexibility (-40°C)	Pass	ASTM D2671 Method C
Colour	Black	

STANDARDS

Approved to: VG 95-343 Part 5 Type D (PST-H & PST-HT)
Def. Stan 59-97 Issue 3 Type 6B (PST-H)

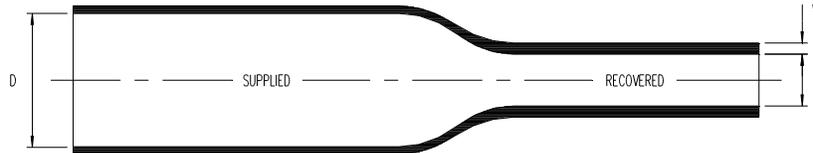
Conforms to: MIL-1-23053/16 (PST-H)

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DIMENSIONS



Hellermann Part No	Bore as supplied, minimum (mm) D	Bore recovered, maximum (mm) D	Wall Thickness (mm) W
PSTHT 24	2.4	1.2	0.5
PSTHT 32	3.2	1.6	0.5
PSTHT 48	4.8	2.4	0.5
PSTHT 64	6.4	3.2	0.6
PSTHT 95	9.5	4.8	0.6
PSTHT 127	12.7	6.4	0.6
PSTHT 190	19.0	9.5	0.8
PSTHT 254	25.4	12.7	0.9
PSTHT 380	38.0	19.0	1.0
PSTH 32	3.2	1.6	0.7
PSTH 48	4.8	2.4	0.8
PSTH 64	6.4	3.2	0.9
PSTH 95	9.5	4.8	1.0
PSTH 127	12.7	6.4	1.2
PSTH 190	19.0	9.5	1.4
PSTH 254	25.4	12.7	1.8
PSTH 380	38.0	19.0	2.4
PSTH 510	51.0	25.4	2.8
PSTH 760	76.0	38.0	3.2
PSTH 1020	102.0	51.0	3.5