

# HellermannTyton

## DATA SHEET

**P Marker: Helvin**

### DESCRIPTION

The Helvin range of tubing is extruded in a specially compounded PVC material. Helvin can be stretch fitted up to x1.5D, making it suitable for identification and binding. Due to the relatively thin wall section Helvin is ideal where it is desirable to minimise the overall diameter of loom assemblies.

### APPLICATION

Sleeves are indelibly marked to individual requirements for identification of cables looms and other components. Helvin is available as fully-severed sleeves and in sizes from 0.8mm – 7.5mm.

### PROPERTIES

Properties	Typical Results	Test Method
Material	PVC	
Continuous Operating Temp	-65°C to +105°C	IEC 216
Intermittent Temperature	+135°C	
Insulation resistance	10 <sup>4</sup> MΩ	
Dielectric Strength	30 kV/mm	Def Stan 59-15
Flammability	V0	UL94 (3mm)
Light Fastness	Standard 6	BS2782-5:M540B
Resistance to		
Acids	Good	Def Stan 59-15
Alkalis	Good	
Oils	Good	
Fuels	Good	
Moisture	Good	
UV	Good	
Ozone	Good	
Shelf life (<40 °C)	5 years	
Colours	Standard resistor colour code, Pink, Transparent & Green/Yellow	

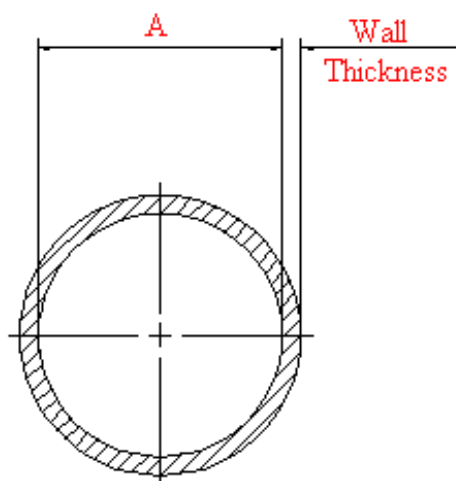
### STANDARDS

Approved to: Def Stan 59-15 T D1a (P)  
Conforms to: BS3858 T 3 (P), BS2848 T 3 (XY), UL224 (105°C) and IEC 60684-3-101/104

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P	NOMINAL DIMENSIONS (MM)		
	A	W	MARKER LENGTH
8	0.8	0.35	3.0
10	1.0	0.35	3.0
12	1.2	0.35	3.0
15	1.5	0.35	3.0
20	2.0	0.35	5.0
25	2.5	0.35	5.0
30	3.0	0.35	5.0
40	4.0	0.35	5.0
55	5.5	0.35	5.0
75	7.5	0.50	10.0
100	10.0	0.50	10.0
150	15.0	0.50	10.0