

HellermannTyton

DATA SHEET

H, TH &HH: Helsyn

DESCRIPTION

The Helsyn range of tubing is extruded from a specially formulated polychloroprene rubber compound that offers excellent elastomeric properties. Helsyn markers can be indelibly marked to requirement and can be supplied fully or semi-severed.

APPLICATION

The sleeves and markers are ideally suited for the binding and identification of cable harnesses where a high degree of expansion may be required (x 5D whilst fitting and x 2D in service). It can be used in Aerospace, Automotive, Construction, Consumer Electronics, Defence, Mass Transit and Telecommunications applications.

PROPERTIES

Properties	Typical Results	Test Method
Material	Polychloroprene	
Continuous Operating Temp	-65 °C to +95 °C	IEC 216
Intermittent Temperature	+120 °C	
Flammability	HB	UL 94 (3mm)
Oxygen Index	28.3	BS 2782:M143
Proof Voltage	4KV	BS G 198-1
Volume Resistance	$10^{12} \Omega$	BS G 198-1
Resistance to Acids Alkalis Oils Fuels Moisture UV Ozone	Good Good Good Good Good Good Good	BS G 198-1
Shelf Life (<40 °C)	7 + 3 years	
Colours	Standard resistor colour code & Pink	

STANDARDS

Approved to: BS G 198-1 T 1, Def-Stan 59-15 T D2a, 2b, 2c

Conforms to: BS3858 T 1



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TH/HH/H	NOMINAL DIMENSIONS (MM)			
	ØA	TH WALL	H WALL	HH WALL
5	0.5	0.50	0.70	
8	0.8	0.50	0.80	
10	1.0	0.50	0.80	
12	1.2	0.50	0.80	
15	1.5	0.60	0.80	
20	2.0	0.60	0.80	
25	2.5	0.60	0.80	1.70
30	3.0	0.60	0.80	
40	4.0	0.80	1.05	1.50
50	5.0	0.80	1.05	1.50
60	6.0		1.05	
75	7.5	0.90	1.25	
100	10.0	1.00	1.50	
120	12.0	1.05	1.60	
150	15.0	1.15	1.70	
160	16.0	1.20	1.80	
200	20.0	1.20	2.05	
250	25.0		2.05	

