

HellermannTyton

DATA SHEET

Rubber Sleeve Kit (H): Polychloroprene

DESCRIPTION

The H range of tubing is extruded from a specially formulated polychloroprene rubber compound that offers excellent elastomeric properties; H sleeves are supplied fully severed. The addition of a D tool kit ensures speedy application of elastomeric markers before or after crimps or solder lugs have been applied.

APPLICATION

The sleeves are ideally suited for the binding 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 Resistivity	$10^{12} \Omega\text{cm}$	BS G 198-1
Density	1.397g/cm ³	DBL 5587
Hardness	51 Shore A	DBL 5587
Tensile Strength	14.8MPa	DBL 5587
Elongation at Break	725%	DBL 5587
Tear Strength	6.2N/mm	DBL 5587
Elasticity Limit	520%	MIL-I-81765/1
Resistance to		
Acids	Good	BS G 198-1
Alkalis	Good	
Oils	Good	
Fuels	Good	
Moisture	Good	
UV	Good	
Ozone	Good	
Water	4% (24hrs 50°C)	
Shelf Life (<40 °C)	7 + 3 years	
Colours	Standard resistor colour code & Pink	

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KIT CONTENTS ARE AS FOLLOWS:

Base Tube	Label Reference	Cut Length	Quantity
H50BK	PH50X20BK	20mm	100 plain sleeves
H50YW	PH50X20YW	20mm	100 plain sleeves
H50GY	PH50X25GY	25mm	100 plain sleeves
H50BE	PH50X25BE	25mm	100 plain sleeves
H50RD	PH50X25RD	25mm	100 plain sleeves
H50BN	PH50X20BN	20mm	100 plain sleeves
H20BK	PH20X20BK	20mm	200 plain sleeves
H20YW	PH20X25YW	25mm	200 plain sleeves
H20GY	PH20X25GY	25mm	200 plain sleeves
H20BE	PH20X25BE	25mm	200 plain sleeves
H20BN	PH20X25BN	25mm	200 plain sleeves
H20BN	PH20X20BN	20mm	200 plain sleeves
H30BE	PH30X20BE	20mm	200 plain sleeves
H30RD	PH30X25RD	25mm	200 plain sleeves
H30BN	PH30X25BN	25mm	200 plain sleeves
H30BK	PH30X20BK	20mm	200 plain sleeves
H30BK	PH30X25BK	25mm	200 plain sleeves

Issue 2

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THE "D-KIT (621-80005)" CONTENTS ARE AS FOLLOWS:

- Tool Body (part No. SFT 3032)
- Set SS prongs for sleeves 1.20mm to 3.00mm internal diameters (Part No. SFT 3033)
- Set S prongs for sleeves 3.00mm to 5.50mm diameter (Part No. SFT 3034)
- Set K prongs for sleeves 5.50mm to 11.50mm internal diameter (Part No. SFT 3035)
- Prong locator (Part No. SFT 3040)
- Bottle Hellerine Lubricant (Part No. LUB/M/2DR (625-00003))

SLEEVE FITTING TOOL

Hand Operated Part No.	For Helsyn Neoprene Sleeve Size	For Helsyn Silicone Sleeve	Maximum Sleeve Length mm
D Kit	H12-100	SLP15-110	20-32

STANDARDS

Approved to:

Conforms to: BS3858 T 1, BS G 198-1 T 1