

SH 2:1 Sleeving – Technical Data Sheet

Product Data

Storage:

Cool dry place out of direct sunlight

Material:

Polyolefin

Operating Temperature:

-55°C to +125°C

Pack Quantity Tolerance of Cut lengths:

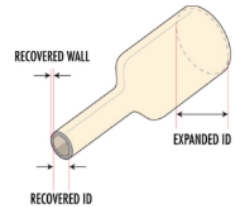
Under 5mm – Standard pack quantities
500 / 1000 pcs +/- 5%

Over 5mm – Standard pack quantities of
1000 +/- 2%

Application Method – Shrink on

Manufactured from OSH Polyolefin, SHP 2:1 Cable Sleeves and Sleeving are flame retarded (except transparent). Military grade heat shrink cable and wire sleeves meet a wide range of military and industrial specifications. SHP 2:1 Cable Sleeves and Sleeving will operate in the temperature range of -55°C to +135°C.

- Flame Retardant
- Self-Extinguishing
- Temperature range -55°C to +125°C
- Good Die electric strength
- Available in 12 colours
- ROHS Compliant



Order Information

2:1 Markers

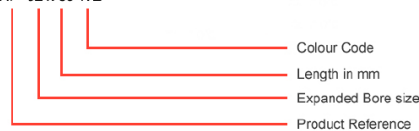
Minimum Diameter Supplied (ID)	Maximum Diameter Recovered (ID)	Recovered Wall Nominal (MM)	Order Code
1.2	0.6	0.40	SH*12**
1.6	0.8	0.43	SH*16**
2.4	1.2	0.51	SH*24**
3.2	1.6	0.51	SH*32**
4.8	2.4	0.51	SH*48**
6.4	3.2	0.64	SH*64**
9.5	4.8	0.64	SH*95**
12.7	6.4	0.64	SH*127**
19.1	9.5	0.76	SH*191**
25.4	12.7	0.89	SH*254**
38.1	19.1	1.02	SH*381**
50.8	25.4	1.10	SH*508**
76.2	38.1	1.30	SH*762**
101.6	50.8	1.40	SH*1016**

*P – plain spooled material

M – Printed & cut markers

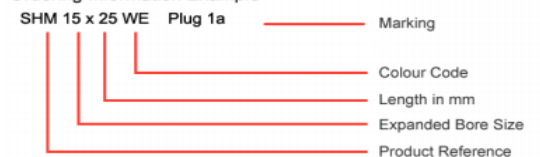
** - Colour - BK (Black), BN (Brown), RD (Red), OR (Orange), YW (Yellow), GN (Green), BE (Blue), VT (Violet), GY (Grey), WE (White), PK (Pink), TR (Trans)

Ordering Information Example
SHP 32 x 50 WE



Omit the letter 'P' from code if you require continuous sleeving.

Ordering Information Example



Please contact us for any sizes not listed.....

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Product Properties

Property	Result	Test Method
Operating Temperature	-55°C to +135°C	SAE-AS23053
Longitudinal Change	0% - -2%	SAE-AS23053
Specific Gravity	1,34	ASTM D 792
Tensile Strength	≥ 14 MPa	ASTM D 638
Elongation at Break	≥ 400%	ASTM D 638
Secant Modulus	65 MPa	ASTM D 882
Min. Shrink Temperature	90°C	Shrink curve
Shrinking starts at	60°C	Shrink curve
Heat Shock (250°C x 4h)	Pass	SAE-AS23053
Elongation after heat ageing (175°C x 168h)	420%	SAE-AS23053
Low temperature flexibility (-55°C x 4h)	Pass	SAE-AS23053
Copper Corrosion (175°C x 16h)	Pass	SAE-AS23053
Colour stability (175°C x 24h)	Pass	SAE-AS23053
Flammability*	Pass	UL 224
Water Absorption	0,25%	ASTM D 570
Fluid Resistance (after immersion 24°C x 24h)	7,25 - 14 MPa	SAE-AS23053
Fungus Resistance	Pass	SAE-AS23053
Ozone resistance	Pass	NF F 00-608
Voltage Rating*		UL 224
Dielectric Voltage Withstand (2.5kV x 60s)*	Pass	UL 224
Volume Resistivity	3,1 x 10 ¹⁴ Ω·cm	ASTM D 876
Dielectric Strength	≥ 30 kV/mm	ASTM D 876

*Results derived from UL registered product

Business Management Accreditations



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