

## Sleeving

Order code	Manufacturer code	Description
03-1100	n/a	1.5MM 3:1 HEAT SHRINK SLEEVING (RC)
03-1105	n/a	3.0MM 3:1 HEAT SHRINK SLEEVING (RC)
03-1110	n/a	6.0MM 3:1 HEAT SHRINK SLEEVING (RC)
03-1115	n/a	9.0MM 3:1 HEAT SHRINK SLEEVING (RC)
03-1120	n/a	12MM 3:1 HEAT SHRINK SLEEVING (RC)
03-1125	n/a	18MM 3:1 HEAT SHRINK SLEEVING (RC)
03-1130	n/a	24MM 3:1 HEAT SHRINK SLEEVING (RC)

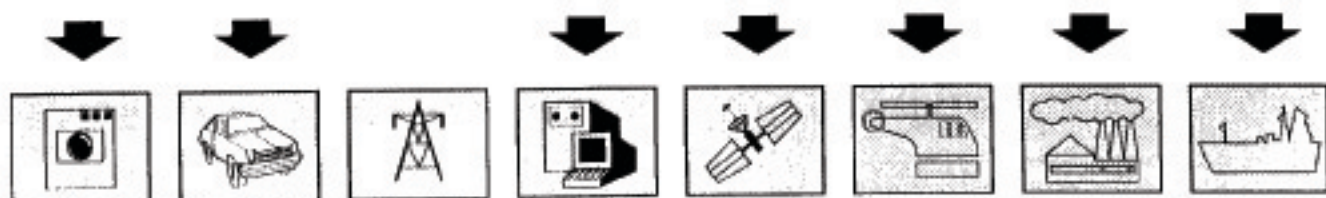
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The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003

# Heat Shrinkable Flexible Polyolefin having 3:1 shrink ratio

## TYPE SP-3X

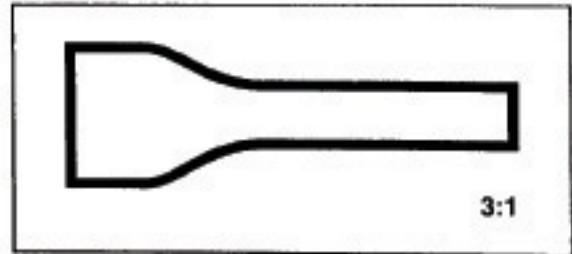
### SPECIFICATION

PROPERTY	TEST METHOD	VALUE
<b>PHYSICAL</b>		
Tensile	ASTM D638	10 Mpa min.
Elongation	ASTM D638	250 % min.
Specific gravity	ASTM D792	1.3 g/cm <sup>3</sup> max.
Low temperature flex (-55°C)	MIL-1-23053	No cracking
Heat resistance	ASTM D638	100 % E
Heat shock	MIL-1-23053	No cracking
Secant modulus	ASTM D882	175 Mpa max.
Longitudinal change	MIL-1-23053	10 % max.
Colour stability	MIL-1-23053	Pass
<b>ELECTRICAL</b>		
Dielectric strength	ASTM D876	20 kV volts/mm
Volume resistivity	ASTM D876	1.0 x 10 <sup>14</sup> ohm-cm
Dielectric constant	ASTM D150	2.5 max.
<b>CHEMICAL</b>		
Water absorption	ASTM D570	0.5 % max.
Corrosion (175°C + 16 hrs)	MIL-1-23053	No corrosion
Flammability	ASTM D876	Self extinguishing
Fluid resistance		
Hydraulic, JP4, lube oil		
NaCl & de-ice fluid		
Tensile	MIL-1-23053	6.9 M/mm min.
Fungus resistance	ASTM G21	Not nutrient
Storage life	MIL-1-23053	indefinite
Shrink temperature		100°C



# TYPE SP-3X

- Highly flexible, Flame-retarded Polyolefin •
- Approved UL224/CSA •
- Complies with MIL-I-23053/5 •  
class I & AMS 3636
- Operating temperature range -55 to 135°C •
- Shrink temperature +100°C •
- Shrink ratio 3:1 •
- Suitable for general insulation & for insulating •  
& marking earth conductors



ORDERING SIZE	MINIMUM EXPANSION	MAXIMUM RECOVERED	NOMINAL RECOVERED WALL
mm	mm	mm	mm
1 5/16 (1)	1.5	0.5	0.45
3/1 (1)	3.0	1.0	0.55
4 5/16 (1)	4.5	1.5	0.60
5/2 (1)	6.0	2.0	0.65
9/8 (1)	9.0	3.0	0.75
12/4 (1)	12.0	4.0	0.75
18/6 (1)	18.0	6.0	0.85
24/8 (1)	24.0	8.0	1.00
39/13 (1)	39.0	13.0	1.15

Colours: Black

## 3:1 Heat Shrinkable Sleeving