

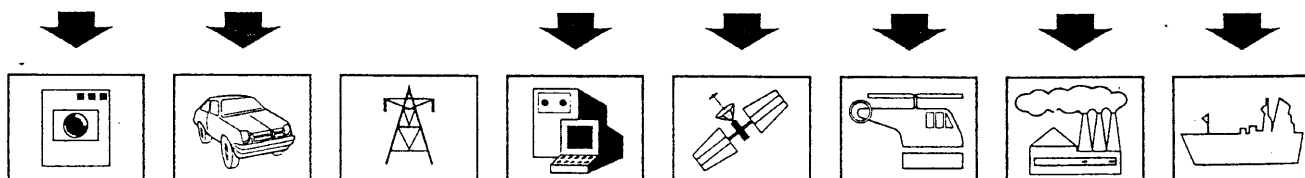
TYPE SP-3X

HEAT SHRINK TUBING

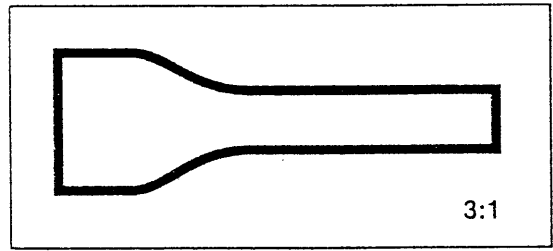
Heat Shrinkable Flexible Polyolefin
having 3:1 shrink ratio

SPECIFICATION

PROPERTY	TEST METHOD	VALUE
PHYSICAL		
Tensile	Mpa min.	ASTM D638 10
Elongation	% min.	ASTM D638 250
Specific gravity	g/cm ² max.	ASTM D792 1.3
Low temperature flex (-55°C)		MIL-1-23053 No cracking
Heat resistance	% E	ASTM D638 100
Heat shock		MIL-1-23053 No cracking
Secant modules	Mpa max.	ASTM D882 175
Longitudinal change	% max.	MIL-1-23053 10
Colour stability		MIL-1-23053 Pass
ELECTRICAL		
Dielectric strength	volts/mm	ASTM D876 20 kV
Volume resistivity	ohm-cm	ASTM D876 1.0 x 10 ¹⁴
Dielectric constant	max.	ASTM D150 2.5
CHEMICAL		
Water absorption	% max.	ASTM D570 0.5
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	M/mm min.	MIL-1-23053 6.9
Fungus resistance		ASTM G21 Not nutrient
Storage life		MIL-1-23053 indefinite
Shrink temperature		100°C



- Highly flexible, flame-retarded Polyolefin •
- Approved UL224/CSA •
- Complies with MIL-1-23053/5 •
- class 1 & 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 DATA

ORDERING SIZE mm	MINIMUM EXPANSION mm	MAXIMUM RECOVERED mm	NOMINAL RECOVERED WALL mm	STANDARD REEL LENGTH m
1.5/0.5	1.5	0.5	0.45	153
3/1	3.0	1.0	0.55	153
4.5/1.5*	4.5	1.5	0.60	92
6/2*	6.0	2.0	0.65	61
9/3*	9.0	3.0	0.75	61
12/4*	12.0	4.0	0.75	61
18/6*	18.0	6.0	0.85	46
24/8*	24.0	8.0	1.00	46
39/13*	39.0	13.0	1.15	46

Colours: Black
 : Other colours to order