



## WMSS Heat Shrinkable Marking Sleeves



Flexible Thin walled, Flame Retardant irradiated cross-linked polyolefin tubing for high performance marking requirements.

Yellow / White Colours

2:1 and 3:1 Shrink Ratio

Computer Printable

ROHS Compliant & Halogen Free

### Applications



Rail Vehicles (Internal Applications)



Earth Moving Equipment



Industrial Machinery



Solar & Wind Installations

WMSS heat shrink identification sleeves are designed to meet the requirement of high performance identification of wire and cable, tools, hoses and equipments. The sleeves can also provide electric insulation & strain relief. The sleeves can be printed using Dot Matrix & Thermal ink transfer printers. The marks are permanent after printing.

### Specifications

Operating Temp Range	:	-55°C to +125°C
Minimum Recovery Temp	:	+ 85°C
Maximum Storage Temp	:	+ 50°C
Elongation at Break	:	> 160% (ASTM D2671)
Dielectric Strength	:	> 19.7 KV/mm

### Standards:

UL224 125 VW-1

CSA C22.2 125 VW-1

AMS-DTL-23053/5 Class1 (materials and performance)

MIL-M-81531, MIL-STD-202 (Print performance)

## Dimensional Details

### 2: 1 Shrink Ratio

Part Number	Expanded (as supplied)		Recovered (after heating)	
	Inside dia (mm)	Double Wall Thickness	Inside dia (mm)	Single Wall Thickness
WMSS-2R-1.6-X	1.6	0.48	0.79	0.45
WMSS-2R-2.4-X	2.4	0.48	1.18	0.49
WMSS-2R-3.2-X	3.2	0.48	1.59	0.51
WMSS-2R-4.8-X	4.8	0.49	2.36	0.54
WMSS-2R-6.4-X	6.4	0.5	3.18	0.56
WMSS-2R-9.5-X	9.5	0.51	4.75	0.59
WMSS-2R-12.7-X	12.7	0.52	6.35	0.6
WMSS-2R-19.1-X	19.1	0.53	9.53	0.62
WMSS-2R-25.4-X	25.4	0.55	12.7	0.63
WMSS-2R-38.0-X	38.0	0.57	19.1	0.64
WMSS-2R-51.0-X	51.0	0.58	25.4	0.64
WMSS-2R-76.0-X	76.0	0.59	38.1	0.64

### 3: 1 Shrink Ratio

Part Number	Expanded (as supplied)		Recovered (after heating)	
	Inside dia (mm)	Double Wall Thickness	Inside dia (mm)	Single Wall Thickness
WMSS-3R-1.6-X	1.6	0.47	0.53	0.52
WMSS-3R-2.4-X	2.4	0.47	0.79	0.57
WMSS-3R-3.2-X	3.2	0.48	1.06	0.61
WMSS-3R-4.8-X	4.8	0.49	1.59	0.67
WMSS-3R-6.4-X	6.4	0.5	2.36	0.71
WMSS-3R-9.5-X	9.5	0.52	3.18	0.77
WMSS-3R-12.7-X	12.7	0.53	4.75	0.8
WMSS-3R-19.1-X	19.1	0.55	6.35	0.84
WMSS-3R-25.4-X	25.4	0.56	8.47	0.86
WMSS-3R-38.0-X	38.0	0.57	12.9	0.89
WMSS-3R-51.0-X	51.0	0.57	17.2	0.9
WMSS-3R-76.0-X	76.0	0.57	25.8	0.92

X - White (W); Yellow (Y)