



J. M. Engineering Co.

# PRODUCTS

## Heat Shrink Sleeves

### Single Wall Heat Shrink Sleeves



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**Dimensions**

Product No.	As Supplied/mm	After Recovered/mm	
	Inner diameter	Inner diameter	Wall thickness **
WRSLD- 3.2/1.5	3.2	1.5	0.7± 0.2
WRSLD-4.8/2.5	4.8	2.5	0.8± 0.2
WRSLD-6.4/3.4	6.4	3.5	0.9± 0.2
WRSLD-9.5/5.4	9.5	5.4	1.0± 0.2
WRSLD-12.7/7.1	12.7	7.1	1.2± 0.2
WRSLD-15.8/8.7	15.8	8.7	1.3± 0.3
WRSLD-19.1/10.5	19.1	10.5	1.4± 0.3
WRSLD-22.2/12.5	22.2	12.5	1.7± 0.3
WRSLD-25.4/14.5	25.4	14.5	1.8± 0.3
WRSLD-31.8/18.0	31.8	18.0	2.2± 0.3
WRSLD-38.1/21.5	38.1	21.5	2.4± 0.3

\*\*Wall thickness will be less when shrinkage is restricted.

**Technical Data**

Property	Test Method	Typical Performance
Tensile strength(MPa)	ASTM D 412	10.3
Elongation at Break (%)	ASTM D 412	225%
Tensile stress at 200% elongation (MPa)	ASTM D 412	10.3
Tensile Strength After Aging (120 ,168 hrs) (%)	SAE-AMS-DTL-23053	8.3
Elongation at Break after Aging (120 ,168 hrs) (%)	SAE-AMS-DTL-23053	175%
Dielectric Strength (kV/mm)	ASTM D 2671	11.8
Volume resistivity ( -cm)	ASTM D 876	1×10 <sup>11</sup>
Flammability(Self extinguishing 15 seconds; 3 inches)	ASTM D2671, Procedure A	Pass
Fungus resistance	ASTM G 21	No growth
Low temperature flexibility	-70 ,4 hrs	No cracking

**WRSLD**

Heat Shrink Neoprene Tube



**Features**

- Made of cross linked chlorinated polyolefin
- Resistant to most fluids and solvents, including aviation and ground-vehicle fuels, lubricating oil, and hydraulic fluids
- Good flexibility at low temperature
- Resistant to abrasion and physical abuse while providing flexibility and strain relief
- Performance meets requirements of SAE-AMS-DTL-23053/1.
- Widely used for insulation, strain relief, and abrasion protection on cable harnesses and wire bundles in the military and aerospace industries. Especially suitable for applications requiring exposure to fluids and solvents at elevated temperatures.
- RoHS compliant
- Operation temperature: -45 to 105
- Shrink temperature: start at 90 , and fully recovered at 130
- Standard color: Black.