

## NS201

Highly flame retardant, very flexible, UL224-VW1, high grade thin wall heat shrink tubing, suitable for high quality demanding applications to protect, insulate, cover or jacket harness systems.

### Features

1. Highly flame retardant,
2. UL224-VW1,
3. Shrink ratio 2:1,
4. Excellent chemical, physical & electrical properties,
5. Shrink temperature > 90°C,
6. Operating temperature -55°C to +135°C.



### Dimensions

Size inch	Size mm	Min. ID supplied mm	Max. ID recovered mm	Recovered wall thickness (NOM) mm
1/16	1.6	1.6	0.8	0.43
3/32	2.4	2.4	1.2	0.51
1/8	3.2	3.2	1.6	0.51
3/16	4.8	4.8	2.4	0.51
1/4	6.4	6.4	3.2	0.64
3/8	9.5	9.5	4.7	0.64
1/2	12.7	12.7	6.4	0.64
3/4	19.1	19.1	9.5	0.77
1	25.4	25.4	12.7	0.89
1 1/2	38.1	38.1	19.1	1.02
2	50.8	50.8	25.4	1.14
3	76.2	76.2	38.1	1.27
4	101.6	101.6	50.8	1.40

### Stock colours



### Non stock colours



SAE-AMS-DTL-23053/5  
Class 3\*



### Physical properties

Description	Test method	Typical value
Tensile strength	ASTM D 638	13 N/mm <sup>2</sup>
Elongation at break	ASTM D 638	300%
Longitudinal change	ASTM D 2671	-5% to +5%
Water absorption	ASTM D 570	< 0.15%
Specific gravity	ASTM D 792	1.45

### Thermal properties

Description	Test method	Typical value
Heat shock 4 hours at 250°C	ASTM 2671	no dripping, cracking, flowing
Heat aging 168 hours at 175°C	ASTM D 638	elongation 250%
Low temp. flexibility at -55°C	ASTM 2671 C	no cracking
Flammability grade	UL 224 VW-1	pass

### Electrical properties

Description	Test method	Typical value
Dielectric strength	ASTM D 2671	20 kV/mm
Volume resistivity	ASTM D 257	10 <sup>16</sup> ohm cm

### Chemical properties

Description	Test method	Typical value
Chemical resistance	AMS-DTL-23053/5	good
Copper corrosion	ASTM D 2671 B	no corrosion

\*Except sizes: 3" and 4"



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