

# Single Wall Products

## S2(s) Ultra Thin Wall Heat Shrinkable Tubing

Voltage class 300V Ideal for low voltage electrical insulation, wire harness bonding & ID Labeling/Marker



Provide excellent flame resistance, insulation, soft & flexible, with low shrink temperature for fast installation.

### Applications

- Wire terminal insulation
- Wire bundling
- Identification marker
- Insulation and protection of low voltage electrical / electronic components

### Features/Benefits

- Flame Resistant: UL VW-1 Grade
- Soft & Flexible
- Low shrink temperature, reduce installation time and minimize the risk of damage to temperature-sensitive electronic components during installation

### Temperature Range

Operating Temperature :  
-40 °C ~ 90 °C

Shrink Temperature :  
90 °C

### Colour

Red, Blue, Yellow, Black, Green, Transparent

### Product Code Cross References

Raychem	: VERSAFIT V4
DSG Canusa	: DERAY-ITW
Sumitomo	: F3(z)
LG	: GSHS-1625GT

### Technical Details

Test Item	Test Method	Typical Value
Tensile strength	ASTM D2671	≥10Mpa
Break down elongation	ASTM D2671	> 400%
longitudinal shrink ratio	ASTM D2671	±5%
Heat shock (200°C)	ASTM D2671	No drop/no flow
Flame retardant	ASTM D2863	Oxygen Index >27
Dielectric strength	ASTM D2671	> 15kV/mm
Volume Resistivity	ASTM D2671	> 10 <sup>14</sup> Ωcm
Water absorption	ASTM D570	< 0.5%

### Product Selection

Product Code	Before shrink		After shrink		Standard Package (m/roll)
	ID (mm)	Normal. wall Thickness (mm)	Max. ID (mm)	Min. wall Thickness (mm)	
S2(s)-Φ1.0	1.3±0.2	0.10	0.50	0.20	200
S2(s)-Φ1.5	1.8±0.2	0.10	0.75	0.20	200
S2(s)-Φ2.0	2.3±0.2	0.13	1.00	0.22	200
S2(s)-Φ2.5	2.8±0.2	0.13	1.25	0.25	200
S2(s)-Φ3.0	3.3±0.3	0.13	1.50	0.28	200
S2(s)-Φ3.5	3.8±0.3	0.13	1.75	0.28	200
S2(s)-Φ4.0	4.3±0.3	0.15	2.00	0.28	200
S2(s)-Φ5.0	5.5±0.3	0.15	2.50	0.30	100
S2(s)-Φ6.0	6.5±0.4	0.15	3.00	0.30	100
S2(s)-Φ7.0	7.5±0.4	0.15	3.50	0.30	100
S2(s)-Φ8.0	8.5±0.4	0.15	4.00	0.32	100
S2(s)-Φ9.0	9.5±0.4	0.15	4.50	0.32	50
S2(s)-Φ10	10.5±0.4	0.15	5.00	0.32	50
S2(s)-Φ11	11.5±0.4	0.20	5.50	0.35	50
S2(s)-Φ12	12.5±0.4	0.20	6.00	0.35	50
S2(s)-Φ13	13.5±0.4	0.22	6.50	0.35	50
S2(s)-Φ14	14.5±0.4	0.23	7.00	0.40	50
S2(s)-Φ15	15.5±0.5	0.24	7.50	0.40	50

ID: Internal Diameter

#### Ordering

When ordering this product, please specify 1) Product code 2) Colour 3) Quantity Required in number of rolls