

# SDW(S) – Technical Data Sheet

## Product Data

### Storage:

Cool dry place out of direct sunlight

### Material:

Dual Wall Polyolefin, 3:1

### Operating Temperature:

-55 up to 125°C

### Pack Quantity Tolerance of Cut lengths:

Under 5mm – Standard pack quantities  
500 / 1000 pcs +/- 5%

Over 5mm – Standard pack quantities of  
1000 +/- 2%

## APPLICATION METHOD - SHRINK ON

SDW(S) Cable Sleeves and Sleeving is a semi-rigid polyolefin sleeving with an extreme shrink ratio, enabling one size to cover many different diameters. SDW(S) also provides effective moisture resistant insulation of connectors, components, and splices.

- Semi Rigid
- Strong Adhesive
- Moisture Protection
- Environmental Sealing
- Flame Retardant (Jacket)
- RoHS Compliant
- Black Colour Only



## Order Information

PRODUCT	IS Supplied (min min)	ID Recovery (max mm)	WALL THICKNESS (NOM. MM)	Order Reference
SDW(S)32/06	3.2	0.6	0.96	SDW(S)32/06BK
SDW(S)48/15	4.8	1.5	1.09	SDW(S)48/15BK
SDW(S)64/20	6.4	2.0	1.19	SDW(S)64/20BK
SDW(S)95/34	9.5	3.4	1.27	SDW(S)95/34BK
SDW(S)127/50	12.7	5.0	1.39	SDW(S)127/50BK
SDW(S)191/80	19.1	8.6	1.65	SDW(S)191/80BK
SDW(S)254/102	25.4	10.2	1.9	SDW(S)254/102BK

Please contact us for any sizes not listed.....

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## Product Properties

Property	Result	Test Method
Operating Temperature*	-55 up to 125°C	UL 224
Longitudinal Change	≥ -7%	SAE-AS23053
Tensile Strength	≥ 15 MPa	ASTM D 638
Elongation at Break	≥ 350%	ASTM D 638
Secant Modulus	≤ 80 MPa	ASTM D 638
Min. Shrink Temperature	110°C	Shrink Curve
Heat Shock (250°C x 4h)	Pass	SAE-AS23053
Cold Impact (-55°C x 4h)	Pass	SAE-AS23053
Corrosion of bare copper (158°C x 168h)	Pass	SAE-AS23053
Colour stability (175°C x 24h)	Pass	SAE-AS23053
Flammability*	Pass	UL 224
Water Absorption	≤ 0,5%	ASTM D 570
Fluid Resistance (after immersion 24°C x 24h)	Pass	SAE-AS23053
Fluid Resistance (after immersion 24°C x 24h)	Pass	SAE-AS23053
Dielectric Voltage Withstand (2.5kV x 60s)*	Pass	UL 224
Volume Resistivity	≥ 10 <sup>14</sup> Ω·cm	ASTM D 876
Dielectric Strength	≥ 25 kV/mm	ASTM D 876
Sealing Efficiency	Pass	SAE-AS23053

\*Results derived from UL registered product

## Business Management Accreditations



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