



WOER HEAT-SHRINKABLE
MATERIAL

Heavy Wall Tubing (SBRSM-NF)

SBRSM-NF

Medium Wall Adhesive Lined and rigid Heat Shrinkable Tubing

Medium wall heat shrinkable tubing provides maximum reliability for insulation and protecting cable joint and terminations, Non-Flame Retardent

Features

- The start of Shrink Temperature: 70°C
- The end of Shrink Temperature: 125°C
- Operating Temperature: -45°C ~ 125°C
- Shrink Ratio: 3: 1
- Compliant: ROHS
- Standard color: black





Technical Data

Property	Test Method	Standard
Tensile Strength(MPa)	ASTM D 2671	$\geq 14\text{MPa}$
Elongation(%)	ASTM D 2671	$\geq 400\%$
Elongation after aging	UL 224 158°C×168hrs	$\geq 300\%$
Longitudinal change	UL 224	-8%~+8%
Dielectric strength	IEC 243	$\geq 20\text{kV/mm}$
Volume resistivity	IEC 93	$\geq 10^{14} \Omega \cdot \text{cm}$
Copper stability	ASTM D 2671	passed
Water Absorption	ISO 62	$< 0.5\%$

Hot Melt Adhesive Property

Property	Test Method	Standard
Softening Point	ASTM D E28	85°C
Water Absorption	ASTM D 570	$< 0.2\%$
Peel Strength (PE)	ASTM D 1000	120N/25mm
Peel Strength (AL)	ASTM D 1000	80N/25mm

Dimensions

size mm	AS SUPPLIED INTERNAL DIAMETER mm	AFTER RECOVERY(mm)				STANDARD LENGTH(M/PC)
		INTERNAL DIAMETER	OUTLAYER WALL THICK- NESS	ADHESIVE LAY- ER WALL THICKNESS	TOTAL WALL THICKNESS	
Φ6.0 /2.0	≥ 6.0	≤ 2.0	1.4 ± 0.20	0.45 ± 0.10	1.85 ± 0.25	1.22
Φ8.0/ 2.0	≥ 8.0	≤ 2.0	1.4 ± 0.20	0.45 ± 0.10	1.85 ± 0.25	1.22
Φ10.2/ 3.0	≥ 10.2	≤ 3.0	1.4 ± 0.20	0.50 ± 0.10	1.90 ± 0.25	1.22
Φ12.0/ 3.0	≥ 12.0	≤ 3.0	1.4 ± 0.20	0.50 ± 0.10	1.90 ± 0.25	1.22
Φ16.0/ 5.0	≥ 16.0	≤ 5.0	1.5 ± 0.20	0.55 ± 0.15	2.15 ± 0.30	1.22
Φ19.1/ 5.6	≥ 19.1	≤ 5.6	1.8 ± 0.20	0.60 ± 0.15	2.40 ± 0.30	1.22
Φ22.0/ 6.0	≥ 22.0	≤ 6.0	2.0 ± 0.30	0.60 ± 0.15	2.60 ± 0.30	1.22
Φ25.0/ 8.0	≥ 25.0	≤ 8.0	2.0 ± 0.30	0.65 ± 0.15	2.70 ± 0.30	1.22
Φ28.0/ 6.0	≥ 28.0	≤ 6.0	2.4 ± 0.30	0.95 ± 0.20	3.30 ± 0.35	1.22
Φ33.0/ 8.0	≥ 33.0	≤ 8.0	2.5 ± 0.30	0.80 ± 0.15	3.30 ± 0.35	1.22
Φ38.1/ 12.0	≥ 38.1	≤ 12.0	2.4 ± 0.30	0.80 ± 0.15	3.30 ± 0.35	1.22
Φ43.2/ 12.7	≥ 43.2	≤ 12.7	2.4 ± 0.30	0.80 ± 0.15	3.30 ± 0.35	1.22
Φ55.0/ 16.0	≥ 55.0	≤ 16.0	2.4 ± 0.30	0.80 ± 0.15	3.30 ± 0.35	1.22
Φ65.0/ 19.0	≥ 65.0	≤ 19.0	2.5 ± 0.30	0.80 ± 0.15	3.30 ± 0.40	1.22
Φ75.0/ 22.0	≥ 75.0	≤ 22.0	2.9 ± 0.30	0.80 ± 0.15	3.70 ± 0.40	1.22
Φ85.0/ 25.0	≥ 85.0	≤ 25.0	2.9 ± 0.30	0.80 ± 0.15	3.70 ± 0.40	1.22
Φ95.0/ 30.0	≥ 95.0	≤ 30.0	3.0 ± 0.30	0.80 ± 0.15	3.80 ± 0.40	1.22
Φ115/ 34.0	≥ 115	≤ 34.0	3.0 ± 0.30	0.80 ± 0.15	3.80 ± 0.40	1.22
Φ140/ 42.0	≥ 140	≤ 42.0	3.0 ± 0.30	0.80 ± 0.15	3.80 ± 0.40	1.22
Φ160/ 50.0	≥ 160	≤ 50.0	3.1 ± 0.30	0.80 ± 0.15	3.90 ± 0.40	1.00
Φ180/ 65.0	≥ 180	≤ 65.0	3.1 ± 0.30	0.80 ± 0.15	3.90 ± 0.40	1.00

$\Phi 200/69.0$	≥ 200	≤ 69.0	3.1 ± 0.30	0.80 ± 0.15	3.90 ± 0.40	1.00
$\Phi 230/78.0$	≥ 230	≤ 78.0	3.1 ± 0.30	0.80 ± 0.15	3.90 ± 0.40	1.00