

WRSGY

Heat Shrink Oil-resistant Tube



- Manufactured from cross-linked polyolefin.
- Mainly used in PILC cable terminations and joints, offering oil resistance, insulation and sealing protection.

Selection Table

Spec.	As Supplied/mm		After Recovered/mm		Standard Length /mm
	Inner Diameter Min	Wall Thickness (±0.3)	Inner Diameter Max	Wall Thickness (±0.3)	
WRSGY-20/8	20	0.7	8	1.8	300-1000
WRSGY-30/11	30	0.7	11	1.8	300-1000
WRSGY-35/12	35	0.7	12	2.0	300-1000
WRSGY-40/17	40	1.0	17	2.2	300-1000
WRSGY-50/22	50	1.7	22	3.7	300-1000
WRSGY-60/23	60	1.4	23	3.7	300-1000
WRSGY-75/29	75	1.1	29	2.8	300-1000
WRSGY-85/30	85	0.9	30	2.8	300-1000
WRSGY-100/38	100	1.1	38	3.0	300-1000
WRSGY-120/45	120	1.1	45	3.0	300-1000

Technical Data

Property	Test Method	Standard Value
Tensile Strength	ASTM-D-638	≥ 10MPa
Elongation at Break	ASTM-D-638	≥ 350%
Tensile Strength Variation After Heat Aging (130°Cx168h)	ASTM-D-5510	≤ ± 20%
Elongation at Break Variation After Heat Aging (130°Cx168h)	ASTM-D-5510	≤ ± 20%
Tensile Strength Variation After Oil Resistance (80°C Cable Oil, 168hrs)	ASTM-D-538	≤ ± 20%
Elongation at Break Variation After Oil Resistance (80°C Cable Oil, 168hrs)	ASTM-D-538	≤ ± 20%
Volume Resistivity	IEC 60093	≥ 1x10 ¹⁴ Ω.cm
Dielectric Strength	IEC 60243	≥ 20kV/mm
Dielectric Constant	IEC 60250	≤ 4
Hardness (Shore A)	ISO 868	≥ 80
Heat Shock	160°C, 4h	No Crack