

# WRSHJG

## Heat Shrink Insulation Tube



- Manufactured from cross linked polyolefin.
- Used in MV cable joints to provide electrical insulation up to 42 kV.
- Shrink temperature: start at 90°C , and fully recovered at 130°C.
- Color: red.

### Selection Table

Spec.	As Supplied/mm		After Recovered/mm		Standard Length /mm
	Inner Diameter Min	Wall Thickness (±20%)	Inner Diameter Max	Wall Thickness (±10%)	
WRSHJG-30/12	30	1.6	12	3.6	500-850
WRSHJG-35/14	35	1.7	14	3.7	500-850
WRSHJG-40/17	40	1.7	17	3.7	500-850
WRSHJG-45/18	45	1.6	18	3.7	500-850
WRSHJG-50/22	50	1.7	22	3.7	500-850
WRSHJG-55/25	55	1.7	25	3.7	500-850
WRSHJG-55/22	55	2.6	22	5.5	500-850
WRSHJG-60/25	60	2.6	25	5.5	500-850
WRSHJG-65/26	65	2.4	26	5.5	500-850
WRSHJG-70/29	70	2.6	29	5.5	500-850
WRSHJG-80/35	80	2.7	35	5.5	500-850
WRSHJG-85/38	85	2.7	38	5.5	500-850
WRSHJG-90/39	90	2.5	39	5.5	500-850
WRSHJG-100/42	100	2.4	42	5.5	500-850

### 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%
Volume Resistivity	IEC 60093	≥ 1x10 <sup>14</sup> Ω.cm
Dielectric Strength	IEC 60243	≥ 20kV/mm
Dielectric Constant	IEC 60250	≤ 4
Brittle Temperature	ISO 974	-40°C
Hardness (Shore A)	ISO 868	≥ 80
Heat Shock	160°C, 4h	No Crack
Longitudinal Shrinkage	ASTM-D-2671	≤ 10%
Eccentricity	ASTM-D-2671	≤ 30%