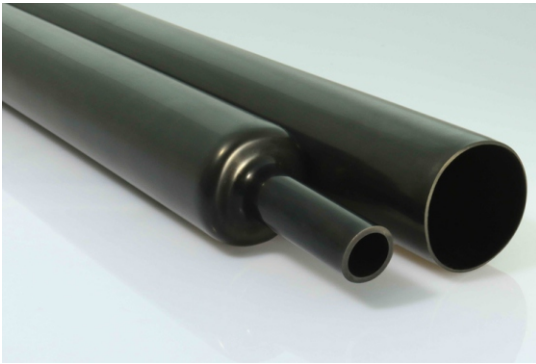


# WRSHG

## Heat Shrink Protective Tube



- Manufactured from cross linked polyolefin.
- Providing outer sealing protection for power cable joints up to 42kV.
- Used in 1kV cable joints and terminations to provide electrical insulation (Φ50 and below).
- Outstanding abrasion and chemical resistance.
- Inner coated with adhesive at both ends. Tubes inner coated with adhesive at full length are available upon customer request.
- Shrink temperature: start at 90°C, and fully recovered at 130°C
- Color: black, red, yellow, blue, green(Φ50 and below); black only(above Φ50 ). Other colors are available upon customer request.

### Selection Table

Spec.	As Supplied/mm		After Recovered/mm		Standard Cut Length /mm	Standard Continuous Length (m/roll)
	Inner Diameter Min	Wall Thickness (±0.2)	Inner Diameter Max	Wall Thickness (±0.3)		
WRSHG-10/5	10	0.5	5	1.1	275-1000	25
WRSHG-15/7	15	0.5	7	1.1	275-1000	25
WRSHG-20/9	20	0.6	9	1.5	275-1000	25
WRSHG-30/11	30	0.7	11	1.6	275-1000	25
WRSHG-35/13	35	0.7	13	1.8	275-1000	25
WRSHG-45/17	45	0.8	17	2.0	275-1000	25
WRSHG-50/23	50	1.1	23	2.5	800-1200	25
WRSHG-60/23	60	1.0	23	2.5	800-1200	25
WRSHG-85/30	85	1.0	30	2.8	800-1200	25
WRSHG-100/39	100	1.1	39	3.0	800-1200	15
WRSHG-120/45	120	1.1	45	3.0	800-1200	15
WRSHG-140/49	140	1.2	49	3.6	800-1200	15
WRSHG-160/57	160	1.2	57	3.6	800-1200	/
WRSHG-180/61	180	1.3	61	4.0	800-1200	/
WRSHG-200/70	200	1.5	70	4.4	800-1200	/
WRSHG-230/72	220	1.4	72	4.4	800-1200	/
WRSHG-250/87	250	1.6	87	4.4	800-1200	/
WRSHG-300/100	290	1.4	100	4.4	800-1200	/

## Technical Data

Property	Test Method	Standard Value
Tensile Strength	ASTM-D-638	$\geq 12\text{MPa}$
Elongation at Break	ASTM-D-638	$\geq 300\%$
Volume Resistivity	IEC 60093	$\geq 1 \times 10^{13} \Omega \cdot \text{cm}$
Dielectric Strength	IEC 60243	$\geq 15\text{kV/mm}$
Brittle Temperature	ISO 974	$-40^{\circ}\text{C}$
Heat Shock	160°C, 4h	No Crack
Water Absorption (23±2) °C 24h	ISO 62	$\leq 0.1\%$
Hardness (Shore A)	ISO 868	$\geq 80$
Longitudinal Shrinkage	ASTM-D-2671	$\leq 5\%$
Eccentricity	ASTM-D-2671	$\leq 35\%$ ( $\Phi 200$ and below) $\leq 55\%$ (Above $\Phi 200$ )