

# HRMW Black Heat Shrink

## Applications

- Shipyards
- Cable Repair
- Trucks and Buses
- Power Distribution
- Underground Wells
- Railcars and locomotives
- Installation and protection of cable Joints
- Suitable for a variety of low-voltage electrical & mechanical applications

## Features & Benefits

- Shrink Temperature: 120°C
- High resistance to impact and abrasion
- Seals and protects cable splices and terminations
- Optional thermoplastic adhesive liner for complete environmental protection and insulation
- Continuous Operating Temperature: -55°C to 110°C



Standard Colours & Colour Codes

Black - 0

Ordering Description	Expanded Internal DIA (min) MM	Recovered DIA Internal DIA (max) MM	Recovered Wall Wall Thickness (nom) MM	Delivery Unit Mtrs
HRMW-10/3-colour code-STK	10.2	3.8	2.00	75
HRMW-19/6-colour code-STK	19.1	5.6	2.00	35
HRMW-25/8-colour code-STK	25	8	2.00	25
HRMW-30/10-colour code-STK	27.9	10.2	2.00	75
HRMW-35/12-colour code-STK	35	12	2.00	60
HRMW-40/12-colour code-STK	38.1	12.7	2.00	40
HRMW-45/12-colour code-STK	43.2	12.7	2.00	40
HRMW-54/17-colour code-STK	52.1	19.1	2.00	25
HRMW-69.9/25.4-colour code-STK	69.9	25.4	2.00	15
HRMW-90/30-colour code-STK	88.9	30	2.40	10
HRMW-120/40-colour code-STK	119.4	39.9	2.70	5
HRMW-150/50-colour code-STK	152	48	2.80	5
HRMW-170/60-colour code-STK	170.2	58.4	2.80	5
HRMW-230/80-colour code-STK	228.6	77	3.00	5

Sizes above are for lined material, un-lined sizes may differ

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# HRMW Adhesive Lined Black Heat Shrink

## HRMW Adhesive Lined Black Heat Shrink

Property	Test Method	Typical Performance
<b>Physical</b>		
Tensile Strength	ASTM-D 412, ISO 37	14,5 MPa
Elongation	ASTM-D 412, ISO 37	550%
Elongation after Heat Aging (168 Hrs @ 150°C)	ASTM-D 2671, ISO 37	500%
Heat Shock (4 Hrs @ 225°C)	ASTM D2671	No cracking or flowing
Longitudinal Change	ASTM D2671	+1%, -10% max
Low Temperature Flexibility	ASTM-D 2671 Meth. C	Does not break at -55°C
Specific Gravity	ASTM-D 792, A-I	1.10g/cm <sup>3</sup> max

Property	Test Method	Typical Performance
<b>Electrical</b>		
Dielectric Strength	ASTM-D 149 / IEC 243	20 kV/mm
Volume Resistivity	ASTM-D 257	10 <sup>16</sup> Ω x cm
<b>Chemical</b>		
Copper Corrosion	ASTM-D 2671	No Corrosion
Chemical Resistance		Good to excellent
Water Absorption	ASTM-D570	0,10%

Test	Test Method	Typical Performance Adhesive	Typical Performance Sealant
<b>Adhesive</b>			
Water Absorption	-	<0,3%	<0,1%
Softening Point	ASTM-E 28	95°C to 105°C	80°C to 90°C

### Product Information

HRMW adhesive lined heat shrink is ideal for a wide range of low-voltage electrical and mechanical applications where increased flexibility and reduced weight are crucial. The medium wall heat shrink is especially well-suited for cable repair as well as insulation and joint protection. It is designed to provide excellent coverage and sealing for cable splices and terminations.



- Medium Wall
- UV Resistant
- RoHS compliant
- 3:1 Shrink Ratio
- Quick and efficient installation
- Provides reliable electrical insulation
- Continuous Operating Temperature: -55°C to 110°C