

Heat Shrinkable Tubing

MRA2

Application

- Used for medium voltage up to 35kV.
- Protection against moisture and pressure.
- Suitable for cable termination and intermediate connecting insulation protection.

Feature

- Hot-melt adhesive provides better waterproof
- Excellent performance
- UV resistance and weathering resistance
- Halogen-free
- Superior electrical and mechanical properties
- Shrinkage ratio 3:1
- Medium wall

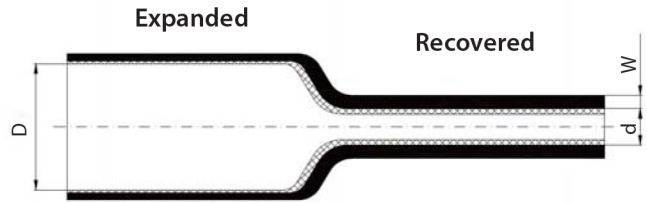
Color Standard: Black

Operating Temperature

- -40°C to +90°C

Type Test

- IEC 60684



Type	Application Diameter Range(mm)	Expanded(mm)			Recovered(mm)	
		D(min)	d(max)	W(min)		
MRA2 20/5	5.5-14	20	5	2		
MRA2 33/8	9-23	33	8	2		
MRA2 40/12	13-28	40	12	2		
MRA2 50/16	17-35	50	16	2		
MRA2 63/19	21-45	63	19	2.4		
MRA2 75/22	24-52	75	22	2.7		
MRA2 85/25	27-60	85	25	2.8		
MRA2 95/29	32-66	95	29	3.1		
MRA2 115/35	38-80	115	35	3.1		
MRA2 140/42	45-98	140	42	3.1		
MRA2 160/50	55-112	160	50	3.2		
MRA2 180/60	65-126	180	60	3.2		

Performance

Property	Test Method	Requirements
Tensile strength	IEC 60684-2	> 13MPa
Elongation at break	IEC 60684-2	> 350%
Longitudinal shrinkage	IEC 60684-2	+5% to -15%
Bending at low temperature	IEC 60684-2	-40°C No cracking
Volume resistivity	IEC 60684-2	> 10 ¹² Ω.m
Water absorption	IEC 60684-2	< 0.2%
Breakdown strength	IEC 60684-2	> 10KV/mm
Copper corrosion	IEC 60684-2	None above the allowable 8%
Heat aging		
Tensile strength	IEC 60684-2	> 10MPa
Elongation at break	IEC 60684-2	> 200%
Heat shock		
Tensile strength	IEC 60684-2	> 10MPa
Elongation at break	IEC 60684-2	> 200%
Resistance to selected fluids		
Tensile strength	IEC 60684-2	> 10MPa
Elongation at break	IEC 60684-2	> 350%
Change in weight	IEC 60684-2	< 10%