

## Heat Shrinkable Tubing

## MR2

### Application

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

### Feature

- Excellent corrosion resistance
- UV resistance and weathering resistance
- Halogen-free
- Superior electrical and mechanical properties
- Shrinkage ratio 3:1
- Medium wall

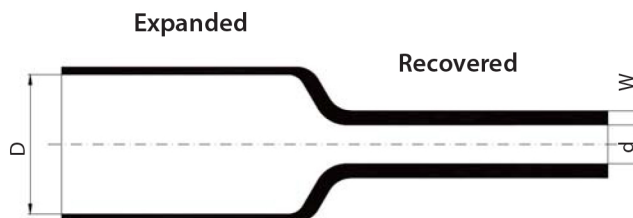
**Color Standard:** Black

### Operating Temperature

- -40°C to +110°C

### Type Test

- IEC 60684



Type	Application Diameter Range(mm)	Expanded(mm)			Recovered(mm)	
		D(min)	d(max)	W(min)		
MR2 20/5	5.5-14	20	5	2		
MR2 33/8	9-23	33	8	2		
MR2 40/12	13-28	40	12	2		
MR2 50/16	17-35	50	16	2		
MR2 63/19	21-45	63	19	2.4		
MR2 75/22	24-52	75	22	2.7		
MR2 85/25	27-60	85	25	2.8		
MR2 95/29	32-66	95	29	3.1		
MR2 115/35	38-80	115	35	3.1		
MR2 140/42	45-98	140	42	3.1		
MR2 160/50	55-112	160	50	3.2		
MR2 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 <sup>12</sup> 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%