

Heat Shrinkable Stress Control Tubing

MSCT

Application

- Used for medium voltage termination and straight joint up to 24kV.
- Effectively disperse electrical stress, control partial discharge.
- * Please consult MELEC sales for higher voltage up to 36kV.

Color Standard: Black

Operating Temperature

- -40°C to +100°C

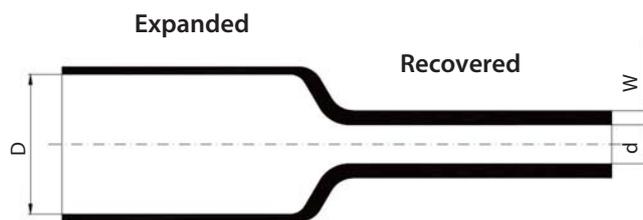
Type Test

- IEC 60684



Feature

- Superior electrical and mechanical properties
- Shrinkage ratio 2:1



Type	Application Diameter Range(mm)	Expanded(mm)			Recovered(mm)	
		D(min)	d(max)	W(min)		
MSCT 29/13	15-20	29	13	2.0		
MSCT 34/16	18-24	34	16	2.0		
MSCT 47/20	22-33	47	20	2.0		
MSCT 58/28	30-41	58	28	2.4		
MSCT 67/34	36-47	67	34	2.4		

Performance

Property	Test Method	Requirements
Tensile strength	IEC 60684-2	> 10MPa
Elongation at break	IEC 60684-2	> 200%
Bending at low temperature	IEC 60684-2	-40°C No cracking
Relative permittivity	IEC 60684-2	15-35
Volume resistivity	IEC 60684-2	> 10 ⁹ Ω.m
Heat aging		
Tensile strength	IEC 60684-2	> 5MPa
Elongation at break	IEC 60684-2	> 200%
Heat shock		
Tensile strength	IEC 60684-2	> 8MPa
Elongation at break	IEC 60684-2	> 175%
Resistance to selected fluids		
Tensile strength	IEC 60684-2	> 4MPa
Elongation at break	IEC 60684-2	> 150%