

# THERMOSHRINKING SLEEVES



## DESCRIPTION:

Polyolefin heatshrinkable medium wall with adhesive, useful for a wide range of applications specifically designed for areas where you will need high mechanical protection, abrasion resistance, corrosion resistance, weather resistance, sealing to prevent moisture from entering the power cables, etc.

The salient features are:

- Shrink ratio 3:1
- Operating temperature -55 °C to +110 °C
- Colour Black (standard)

**COMPLIES:** UNI EN 12068, DIN 30672, Class of mechanical strength B-50.

## SPECIFICATIONS:

- Protection against corrosion
- High insulation and sealing properties
- Excellent chemical resistance and life span
- Resistance to ULTRA VIOLET

## APPLICATIONS:

- Corrosion protection of water pipes and gas
- Protection anchor systems
- General corrosion protection

## TECHNICAL CHARACTERISTICS:

Minimum temperature start narrowing Material

120 °C

**RoHS Compliant Statement** – Resistant to UV rays

### Technical data of the sheath:

Tensile strength (ASTM D 2671)	> 14 MPa
Elongation at break (ASTM D 2671)	> 400 %
Longitudinal shrinkage (UL 224)	0 ± 10 %
Eccentricity (UL 224)	< 30 %
Elongation at break after aging (150 °C, 168 hours)	> 300 %
Dielectric strength (IEC 243)	> 20 Kv/mm
Resistance of specific volume (IEC 93)	10 <sup>14</sup> Ω·cm
Copper compatibility (ASTM D 2671)	non corrosive
Water absorption (ISO 92)	< 0,15 %
Resistance to bending stresses at 50 °C (ASTM D 1963)	no break

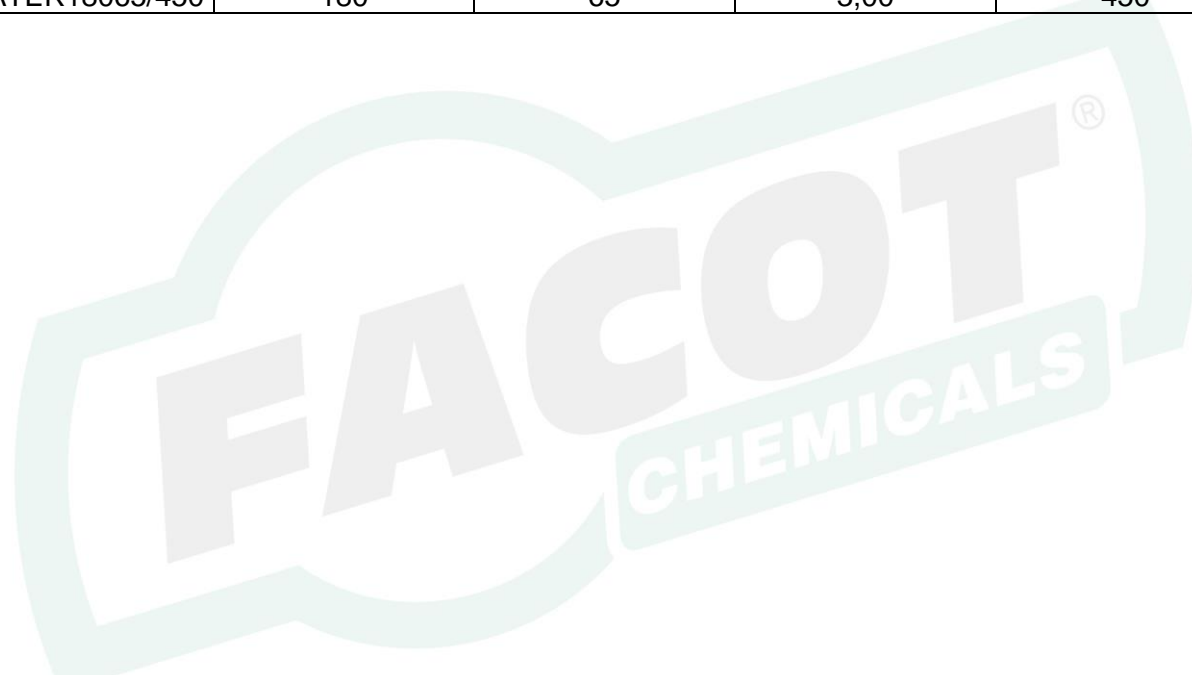
### Technical data of the adhesive:

Water absorption (ISO 92)	< 0,2 %
Softening point (ASTM D E8)	85 °C
Adhesion strength – PE (DIN 30672)	4 N/cm
Copper compatibility (ASTM D 2671)	non corrosive
Resistance to fungus and decay (ISO 846)	good



## DIMENSIONS:

Item Code	Ø internal (mm)	Dimensions after the withdrawal		Length (mm)
		Ø internal (mm)	Thickness (mm)	
MATER55018/10	55	16	2,70	1000
MATER65021/10	65	19	2,80	1000
MATER80026/10	85	25	3,00	1000
MATER11037/10	115	34	3,00	1000
MATER13037/10	140	42	3,00	1000
MATER16065/10	160	50	3,00	1000
MATER18065/450	180	65	3,00	450



Last update: 17.04.2023



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