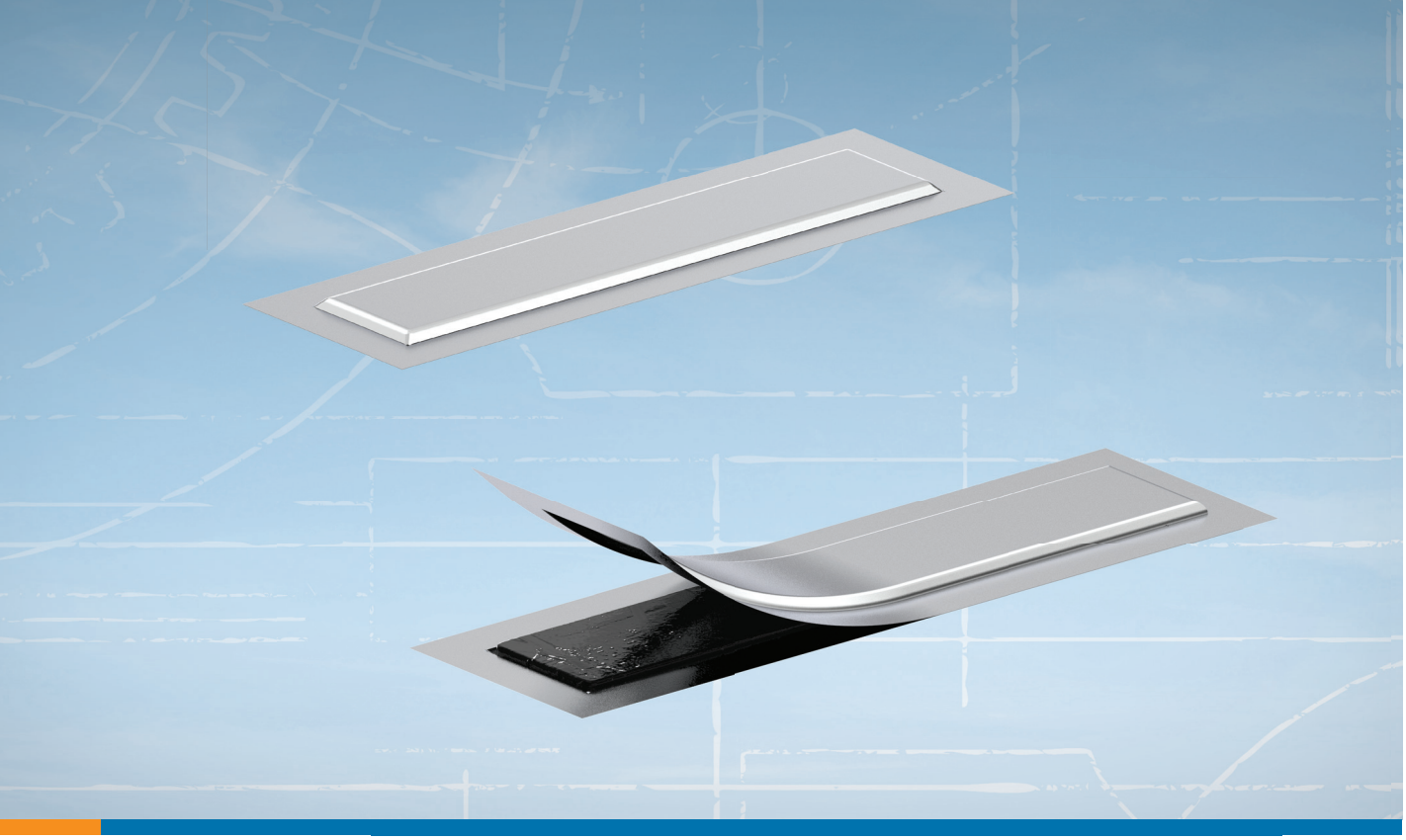


SELF-CURING WATER RESISTANT INSULATION (MVIP)

MOLD IT ONTO CONNECTIONS AND BUSBARS

KEY FEATURES

- Reliable insulation and sealing
- UV resistant, thermally stable and flame retardant
- Self-curing at room temperature for quick installation
- Versatile insulation, excellent formability and adhesion
- Use to fill cracking in insulation
- Suitable for indoor and outdoor applications

TE's Raychem self-curing insulation, MVIP, is an insulation product made of high-performance, self-curing silicone materials. It can be widely used for insulation and sealing protection of overhead lines up to 10kV, plus connection points, bus bars and other power components.

Before self-curing, MVIP is highly flexible and can easily conform to adapt to various complex connections or configurations. It can be quickly installed in power systems without any tools. High quality adhesive properties allow it to be firmly bonded to electrical materials such as wire cores or copper bars with reliable insulation and sealing performance.

In overhead applictions the self-cured MVIP material offers reliable insulation properties as well. Its proven UV resistance thermal stability and flame retardant properties ensure longterm stability in power systems. Even in the harshest outdoor environments it offers reliable insulation and waterproofing of your power connections.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

Self-Curing Water Resistant Insulation (MVIP)





PRODUCT SPECIFICATIONS

Key Material Properties	Standard	Requirement
Shelf life	-	12 months
Self-curing time (20°C, 50% humidity)		
Shelf life after unpackage	-	30 mins
Surface drying time	-	2 hrs
Strength time	-	4 hrs
Full curing time	-	7 days
After Curing		
Hardness	GB/T 2411, ISO 868	36 Shore A
Tensile strength	GB/T 528, ISO 37	1.5 Mpa
Ultimate elongation	GB/T 528, ISO 37	200%
Dielectric strength	GB/T 1408.1, IEC 60243.1	20 kV/mm
Breakdown voltage @1.8mm material	GB/T 1408.1, IEC 60243.1	30 kV
Breakdown voltage @1.8mm material on bare line	GB/T 3048.8	25 kV
Dielectric dissipation factor	GB/T 1409	0.04
Dielectric constant	GB/T 1409	3
Volume resistivity	GB/T 1410, IEC 60093	1.0x10^14 Ω·cm
Flamability	GB/T 2408, IEC 60695-11-10	V0
UV resistance	GB/T 16422.3, ISO 4892-3	2000 hrs, No cracking or damage
Thermal Shock (-40°C~85°C)	GB/T 528, ISO 37	200 times, No cracking or damage
Solt Fog Resistance	GB/T 2423.18, IEC 60068-2-52	1000 hrs, No cracking or damage

PRODUCT SELECTION

Product Description	Color	Length (mm)	Width (mm)	Thickness (mm)	Standard Package
MVIP-B-90-600	Black	600	90	1.8	3 Pcs/Bag
MVIP-R-90-600	Red	600	90	1.8	
MVIP-Y-90-600	Yellow	600	90	1.8	
MVIP-G-90-600	Green	600	90	1.8	

Should you have any special requirements, please contact your local TE sales representative or distributor.

te.com/energy

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