



WW-VMP / WW-VMR SERIES

VINYL BACKED MASTIC PAD/ROLL

DESCRIPTION		FEATURES			
WW-VMP / WW-VMR is an insulating mastic with vinyl backing that provides the superior adhesion and dielectric strength required to seal and insulate electrical connections from buried, submerged or overhead cables up to 1000 volts. The vinyl backing adds mechanical strength and is resistant to UV rays. It is impermeable to ozone, water, soil dirt and corrosive chemicals. WW-VMP / WW-VMR adheres quickly and permanently and will not adversely affect the insulation or the conductive polymer shielding.		- Available in roll or pad form - Vinyl backing - UV resistant - High dielectric strength - Superior adhesion to metal, cable insulations and jackets - Excludes moisture, may be direct buried or submerged			
MATERIALS	BACKING	ADHESIVE	COLOR	STANDARD SIZES (WIDTH X LENGTH)	PART NUMBER
	Vinyl	Mastic	Black	6.5" x 4" (165mm x 102mm) 4" x 10' (102mm x 3.1m)	WW-VMP-65 WW-VMR-40
TECHNICAL PROPERTIES	CHARACTERISTIC	TYPICAL VALUE		TEST METHOD	
	Thickness (mils)	129.13		ASTM D 4325	
	Operating temp.: Continuous	194°F, 90°C		ASTM D 4325	
	Operating temp.: Emergency overload	266°F, 130°C		ASTM D 4325	
	Water absorption (%)	0.10		ASTM D 570	
	Copper corrosion (visual)	None		ASTM D 69	
	Ozone resistance (visual)	Pass		ASTM D 4325	
	UV resistance	Pass		ASTM D 4325	
	Dielectric strength (V/mil) ¹	508		ASTM D 149	
	Dielectric constant	3.2		ASTM D 150	
	Dissipation factor	0.025		ASTM D 150	
	Volume resistivity (Ω.cm)	1x10 ¹⁵		ASTM D 257	
RECOMMENDED USES		STORAGE		SHELF LIFE	
For encapsulating and protecting direct buried low voltage connections and devices, terminations, overhead connectors, duct seals, and cable end seals. Ideal for covering molded joints on CN cables.		In original packaging, placed in horizontal position under cover and temperature between 5°C and 35°C.		60 months from date of manufacture.	

¹ 20kV/mm or 500V/mil when tested on a 0,51mm (0,20 in) thick specimen

Data in table represents average test results and are not to be used for specification purpose. The product users should make their own tests to determine the products' suitability for the intended use

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