



WW-VMP / WW-VMR SERIES

VINYL BACKED MASTIC PAD/ROLL

DESCRIPTION		FEATURES			
<p>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 insulation or conductive polymer shielding.</p>		<ul style="list-style-type: none"> 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 NUMBERS
	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		
<p>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.</p>		<p>In original packaging, placed in a horizontal position, covered, between 5°C and 35°C.</p>	<p>60 months from date of manufacture.</p>		

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. Users should test the products' suitability for their intended use themselves.

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