



WW-EF SERIES

ELECTRICAL FILLER TAPE

DESCRIPTION		FEATURES			
<p>WW-EF is a 0.125in. (3.2mm) self-amalgamating mastic for insulating and sealing all types of overhead and direct buried electrical connections up to 600 volts. WW-EF has superior adhesion to metals, cable insulations and jackets. It will have no adverse effects on polymeric conducting shields. WW-EF provides an excellent water seal for duct work, cable ends and all types of splices. WW-EF is normally wrapped with vinyl tape.</p>		<ul style="list-style-type: none"> • Superior adhesion to metal, all types of cable insulations and jackets • Excellent thermal stability • Resistant to water, salt water, soil and corrosive chemicals • Will not adversely affect cable insulations or polymeric conductive shields 			
MATERIALS	BACKING	ADHESIVE	COLOR	STANDARD SIZES (WIDTH X LENGTH)	PART NUMBER
	None	Mastic	Black	1.5" x 5' (38mm x 1.5m)	WW-EF-15
TECHNICAL PROPERTIES	CHARACTERISTIC	TYPICAL VALUE		TEST METHOD	
	Thickness (mils)	125		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	
	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)	3x10 ¹⁴		ASTM D 257	
RECOMMENDED USES		STORAGE	SHELF LIFE		
<p>For encapsulating and protecting all types of low voltage connection and devices, overhead connections, duct seals and cable ends seals.</p>		<p>In original packaging, placed in horizontal position under cover and temperature 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. The product users should make their own tests to determine the products' suitability for the intended use

LIMITED WARRANTY: NSi Industries LLC warrants that each of its products will be free from material and manufacture defects at the date of shipment (unless specified otherwise). NSi Industries LLC makes or gives no warranty to the distributor, its customers, or the product's end user regarding the product's merchantability and/or suitability for their/its intended use or purpose, and buyer shall assume all risks associated therewith. Provided that the product is proven to be defective, NSi Industries sole obligation and buyer's exclusive remedy shall be through the distributor, at NSi Industries' discretion, to replace, repair, or refund the product proved to be defective within the time period specified above. EXCEPT AS EXPRESSLY SET FORTH HEREIN, NSI INDUSTRIES MAKES OR GIVES NO OTHER WARRANTIES, EXPRESSED OR IMPLIED. Except where prohibited by law, NSi Industries LLC will not be liable for collateral, consequential, indirect or incidental damages arising out of, or connected in any way with the supply of products.