



WW-HRL SERIES

LINERED RUBBER SPLICING TAPE - 69kV

DESCRIPTION		FEATURES			
WW-HRL is a 30 mil (0.76mm) ethylene propylene rubber, self-amalgamating high voltage tape for insulating and jacketing splices though 69kV. WW-HRL amalgamates quickly, yielding a void-free, electrically stable build-up and is ideal for waterproofing. Meets ASTM D-4388, HH-I-553C/Grade A, MIL-I3825B standards.		<ul style="list-style-type: none"> Linered Self amalgamating Outstanding corona and ozone resistance Rated up to 69kV Excellent moisture, corrosion, UV and chemical resistance 			
MATERIALS	BACKING	ADHESIVE	COLOR	STANDARD SIZES (WIDTH X LENGTH)	PART NUMBER
	EPR Rubber	None	Black	.75" x 30' (19mm x 9.1m) 1" x 30' (25mm x 9.1m) 1.5" x 30' (38mm x 9.1m) 2" x 30' (51mm x 9.1m)	WW-HRL-75 WW-HRL-10 WW-HRL-15 WW-HRL-20
TECHNICAL PROPERTIES	CHARACTERISTIC	TYPICAL VALUE		TEST METHOD	
	Thickness (mils)	30		ASTM D 4325	
	Breaking strength (psi)	333.6		ASTM D 412	
	Elongation at break (%)	950		ASTM D 412	
	Fusion (78.74 mils max.)	No flag		ASTM D 4325	
	Heat resistance	266°F, 130°C		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 (%)	0.06		ASTM D 570	
	Ozone resistance	Pass		ASTM D 4325	
	UV resistance	Pass		ASTM D 4325	
	Dielectric strength (V/mil)	1003.3		ASTM D 149	
	Dissipation factor: 24h at 73.4°F	0.005		ASTM D 150	
	Dissipation factor: 168h at 158°F	0.015		ASTM D 150	
	Dielectric constant: 24h at 73.4°F	2.7		ASTM D 150	
	Dielectric constant: 168h at 158°F	2.9		ASTM D 150	
Volume resistivity (Ω.cm): 96h @ 73.4°F and 50% RH	1x10 ¹⁶		ASTM D 257		
Volume resistivity (Ω.cm): 96h @ 73.4°F and 96% RH	1x10 ¹³		ASTM D 257		
RECOMMENDED USES	STORAGE	SHELF LIFE			
For insulating and jacketing of splices on power cable from 600 volts through 69,000 volts and for building stress cones and for jacketing of terminations on power cable through 35000 volts. Provides a moisture seal for all waterproofing needs and insulations and protects bus components. Due to its highly stable mechanical and chemical properties, WW-HRL is ideal for cable jacket repair and restoration.	In original packaging, placed in horizontal position under cover and temperature between 5°C and 35°C.	60 months from date of manufacture.			

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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