



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 NUMBERS
	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 jacketing 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 a horizontal position, covered, 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. Users should test the products' suitability for their intended use themselves.

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