



WW-ARC SERIES

ARC AND FIREPROOFING TAPE

DESCRIPTION		FEATURES			
WW-ARC is an unsupported, linerless, elastomeric tape possessing superior arc and flame resistance for cable protection in all types of applications. Unsupported construction offers excellent flexibility and conformability for easy application. When subjected to severe flame conditions, WW-ARC will generate a thermally insulating residue for cable protection. WW-ARC is water, chemical and UV resistant.		• Superior arc and flame resistance • Resistant to water, sewage, chemical and oil • Highly flexible and conformable • Easy to apply • UV resistant			
MATERIALS	BACKING	ADHESIVE	COLOR	STANDARD SIZES (WIDTH X LENGTH)	PART NUMBER
	Elastomeric compound	None	Light Grey	3" x 20' (76mm x 6.1m)	WW-ARC-30
TECHNICAL PROPERTIES	CHARACTERISTIC	TYPICAL VALUE		TEST METHOD	
	Thickness (mils)	29.92		ASTM D 4325	
	Tensile strength (lbs/in)	40		ASTM D 412	
	Elongation (%)	300		ASTM D 412	
	Thermal conductivity (W/mK)	2.6		ASTM D 177	
	Tidewater resistance	Pass		Con-Ed EO 5343-14	
	Chemical resistance	Pass		*BTM-814	
	Dielectric breakdown (kV)	15		ASTM D 149	
	Volume resistivity ($\Omega \cdot \text{cm}$)	4.4×10^{13}		ASTM D 257	
	Flame resistance: Bunsen burner	Pass		Con-Ed EO 5343-14	
	Flame resistance: Propane torch	Pass		Con-Ed EO 5343-14	
	Flame resistance: Plasma torch (seconds)	>110		Con-Ed EO 5343-14	
RECOMMENDED USES		STORAGE		SHELF LIFE	
For arc and fire proofing all types of cable and cable splices in manholes, cables trays, switch boxes, vaults and substations.		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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