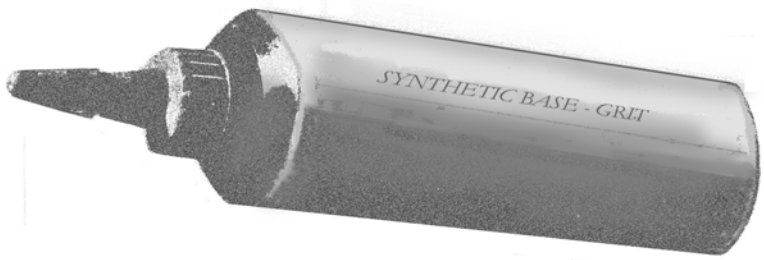
OXIDE-INHIBITING COMPOUND
SYNTHETIC BASE - WITH GRIT



Scope. A compression joint compound for aluminum cables in aluminum connectors and copper cables in aluminum connectors, which is compatible with cable insulation and effectively lowers contact resistance and seals out moisture.

Compound Carrier. The compound carrier shall be a **synthetic base** (non petroleum) compound that is compatible with rubber, PVC, and polethylene cable insulations. It shall be nontoxic and not harm linemen's leather and rubber goods, and when soiled clothing is laundered, no residual stains shall remain. The carrier shall be insoluble in water and noncorrosive to aluminum or copper. It shall effectively seal electrical joints against oxidation and corrosion and shall remain stable under the heat cycling test conditions of EEI-NEMA TDJ-162. The maximum pour point (the lowest temperature at which the compound is required to flow) shall be -20º F (-29º C). The minimum dropping point (the temperature at which the compound passes from a semisolid to a liquid) shall be 500º F (260º C). The pour point and the dropping point shall be determined in accordance with ASTM D-97 and D-566.

Metal Particles: The compound shall contain **conductive metal particles**, harder than aluminum (zinc, stainless steel, or nickel), whose function is to break through the oxide film on the contact surfaces, provide greater current-carry "bridges" and aid gripping of the conductor for better mechanical integrity.

Packaging: 8-ounce round or oval plastic dispensing containers. City Light would prefer (not require) that the inside diameter of the neck of the container, with the cap removed, be approximately 1-1/4" so that the container will slide over 750 kcmil cable.

Stock Unit: EA

Stock Number	Approved Manufacturers		
	Burndy	Somerset (Homac)	Mac Products
726180	PENA13-8	M-56	Mactex-HV

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