

Technical Data

VMS PVDF-Clad Aluminum Jacketing is produced from 3003 and/or 3105 aluminum alloy coil complying with ASTM B-209 and ASTM C-1729 Specifications. Mill-finish aluminum coil is cleaned, degreased, and processed as needed to insure maximum coating-to-coil adhesion of specialized PVDF coating systems, resulting in products exhibiting the performance characteristics and surface emissivity traits of considerably more expensive and less cost-efficient PVF film-laminate alternatives.

VMS PVDF-Clad Aluminum products are available in a variety of finish textures include smooth, stucco-embossed, and cross-crimped, and are also available in flat sheet and corrugated sheet forms as well as in roll jacketing products.

The following moisture protection membranes can be provided on all VMS PVDF-Clad Aluminum products:

- Polysurlyn* – 3-Mil Coextruded Film
- Polykraft - 40-LB Kraft & Poly Laminate

Both Polysurlyn and Polykraft membranes are heat and pressure bonded to the interior surface of the PVDF-Clad aluminum coil prior to fabrication of finished products.

Advantages to PVDF-Coated Aluminum

- Optimum overall in-service durability characteristics including superior resistance to hostile environmental factors
- Enhanced thermal performance of insulation systems due to higher surface emittance of 0.8 on PVDF-Coated products

**Surlyn® is a trade mark of the DuPont Company*

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