DESCRIPTION

ITW's Ultrolon® aluminum jacketing is comprised of Kynar 500 based polyvinylidene fluoride (PVDF) coated aluminum.Ultrolon® is provided with a coating that exhibits as close as possible the characteristics of a PVF film, durability and excellent corrosion resistance.

Standard color is gray. Standard metal thickness is .016. Other colors and gauges are available, but may require minimum quantities and extended lead times.

Ultrolon® is available in standard roll form, pre-fabricated, and 3/16", 1-1/4" and 2-1/2" deep corrugated sheets.

USES

Ultrolon® insulation jacketing is currently in use in chemical plants, petrochemical plants and refineries, pulp and paper mills, salt water areas, sandstorm environments, and other heavy industrial sites where resistance to all forms of chemical abuse is required.

ADVANTAGES

Ultrolon® insulation jacketing can be used in many areas, such as salt environments, where stainless steel is not recommended. It provides better protection than other painted systems, yet provides the same emittance values (gray - .85), and a much longer service life than aluminum.

CHEMICAL RESISTANCE

PVDF coatings resist most common acids, alkalis, salts, oils, and other substances which erode other surfaces and finishes. Edge protection must be provided to insure complete chemical resistance.

WEATHER RESISTANCE AND COLOR RETENTION

PVDF coatings exhibit excellent resistance to ultraviolet degradation and color retention.

ABRASION RESISTANCE

Ultrolon® jacketing provides exceptional resistance to abrasion. Chipping, cracking and peeling are virtually non-existent.

POLYFILM MOISTURE RETARDER

Polyfilm consists of a 3 mil thickness of a co-extrusion of polyethylene and DuPont's Surlyn* which is heat laminated to the metal jacketing. Due to its superior performance characteristics, it replaces the old standard 1 mil and 3 mil polykraft moisture retarders. **For cold rooftop and hot work cyclical applications, refer to Technical Information for recommendations.**

*Surlyn is a Trademark of DuPont

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