

## DESCRIPTION

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, prefabricated, and 3/16", 1-1/4" and 2-1/2" deep corrugated sheets

## APPLICATIONS

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

3PVDF 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

Formerly Pabco/Childers Metals



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Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of the product listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the Regional Sales Office nearest you for current information.

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