DESCRIPTION

JM’s Deep Corrugated Sheets are available in Aluminum, Stainless Steel, and Painted Aluminum. They are specifically designed for weather-proofing insulated equipment, towers, vertical tanks, and vessels with outside diameters of 8’ or more. They also provide mechanical abuse protection for the insulation and are available in a smooth finish, painted (aluminum only), or stucco embossed pattern.

Standard Lengths: Up to 12’
Standard Width: 33” Nominal
Corrugations: 1¼” (30mm) and 2½” (64mm) (1¼ corrugations have a depth of ¼”, and the 2½ corrugations have a depth of ½”)

Aluminum Deep Corrugated Sheets
Thicknesses: 0.016”, 0.020”, 0.024”, 0.032”, and 0.040”
Alloys: Conform to ASTM B-209 designation

Stainless Steel Deep Corrugated Sheets
Thicknesses: 0.010”, 0.016”, 0.020”, and heavier thicknesses
Alloys: Supplied in Type 304 or Type 316 alloy

Installation procedures are available in the National Commercial and Industrial Insulation Standards, published by the Midwest Insulation Contractors Association and endorsed by the National Insulation Association.

Notes:
For large flat surfaces, such as boiler-walls and precipitators, 4” x 1” Box Rib profile is recommended.

2½” profile is best suited for thicker gauges:
Suggested minimum thickness aluminum: .024”
Suggested minimum thickness stainless steel: .016”

STAINLESS STEEL DEEP CORRUGATED SHEETS

RECOMMENDED USES

The metal used to fabricate Deep Corrugated Sheets must be selected for the specific environmental requirements.

Chemical Plants and Refineries:
Distillation columns, tank farms, fractionation units, cokers and ethylene production units.

Paper Mills:
Chemical storage tanks, breechings and ducts.

Steel Mills:
Pickle acid tanks, oxygen production units, fuel oil and tar storage tanks.

Miscellaneous:
Food processing plant, LPG storage units, LNG storage units, sewage and waste water treatment plants.

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.