

# JM STAINLESS STEEL DEEP CORRUGATED SHEETS

STAINLESS STEEL METAL JACKETING

## DESCRIPTION

JM 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:** 8', 10', 12', & 14'

**Standard Width:** 33" Nominal

**Corrugations:** 1 1/4" (30mm) and

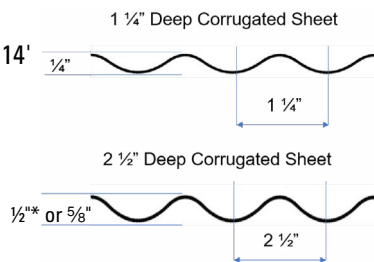
2 1/2" (64mm)

1 1/4" corrugations: 1/4" depth

2 1/2" corrugations: 5/8" depth

2 1/2" corrugations: 1/2" depth\*

\*Manufactured in Eastern Canada



### JM Aluminum Deep Corrugated Sheets

Thicknesses: 0.016", 0.020", 0.024", 0.032", and 0.040"

Alloys: Conform to ASTM B-209 designation

### JM 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:

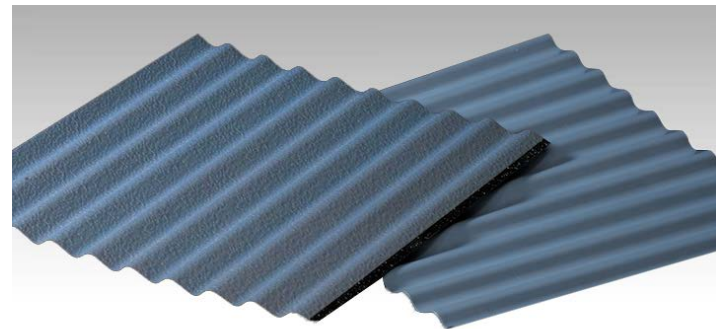
**For large flat surfaces, such as boiler-walls and precipitators, 4" x 1" Box Rib profile is recommended.**

**2 1/2" profile is best suited for thicker gauges:**

Suggested minimum thickness aluminum: .024"

Suggested minimum thickness stainless steel: .016"

\*Surlyn is a Trademark of DuPont



## RECOMMENDED USES

The metal used to fabricate JM 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.**

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.

**All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville thermal insulation and systems, visit [www.jm.com/terms-conditions](http://www.jm.com/terms-conditions) or call (800)654-3103.**