

REFLECTIONS IPG 800-MS1

THERMAL LAMINATION FILM - GLOSS METALLIZED BIAXIALLY ORIENTED POLYPROPYLENE (BOPP)

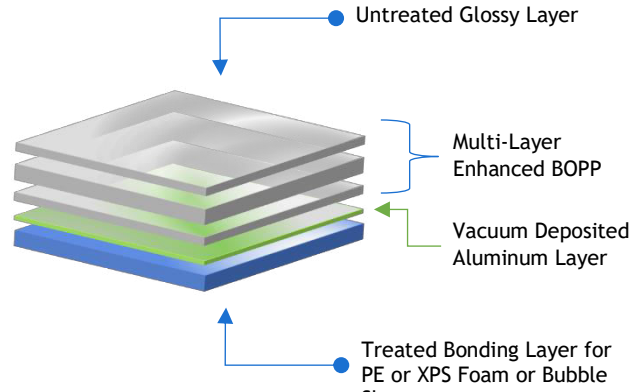
Product Description

REFLECTIONS™ IPG 800-MS1 is a low emissivity metallized BOPP film designed for reflective insulation applications. The metallized surface is extrusion over-coated with a high-melt copolymer bonding layer for thermal lamination with polyethylene (PE) and expanded polystyrene (XPS) foam board or bubble sheet.

Key Features

- Excellent adhesion to PE, XPS or polyolefin substrates
- High resistance to corrosion and degradation
- Excellent radiant and vapor barrier
- Strong metal adhesion bond strength

Construction



Applications and Conversion

- Product is engineered to be used as part of facing films for reflective insulation and radiant barrier structures
- The bonding layer provides excellent adhesion to PE and XPS foam or bubble sheets and polyolefin-based structures
- Designed for reflective attic and house insulation boards and other reflective barrier insulation applications
- Application-specific testing is recommended for suitability for subsequent coating, printing and laminating processes

Typical Properties

Property		Unit	22 IPG 800-MS1	Test Method
Unit Weight		g/m ²	20	CATM 0000
		lb/ream	12.3	
Yield		m ² /kg	50.0	ADTM D 4321
		in ² /lb	35,153	
Treatment	Glossy Side	mN/m	---	ASTM D 2578
	Bonding Side		40	
Lamination Temperature	Bonding Side	°C	100-120	ASTM D 1204
		°F	210-250	

The technical information and data shown on this page should be considered representative or typical only and should not be used for specification purposes.

Availability

IPG 800-MS1 rolls are wound with adhesive side in; IPG 800-MS2 rolls are wound with adhesive side out. Alternative film thicknesses are possible subject to negotiation.

Regulation

For specific applications please request Coatall's Declaration of Compliance document.

Storage

Store in a dry (preferably <50% RH) location at 2°C (35°F) to 30°C (85°F). This product is suitable for use for 6 months from the date of delivery.