

REFLECTIONS IPG 800-MS1

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

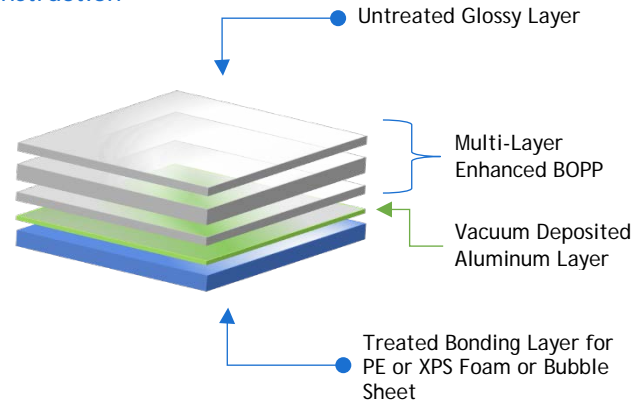
Product Description

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. Versatile bonding layer will also adhere to unprinted and printed paper and paperboard.

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
- Product can also be used in thermal lamination with unprinted or printed paper, paperboard and cardboard
- 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	Internal Method
		lb/msi	0.028	
Yield		m ² /kg	50.0	ADTM D 4321
		in ² /lb	35,327	
Treatment	Glossy Side	mN/m	NA	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.