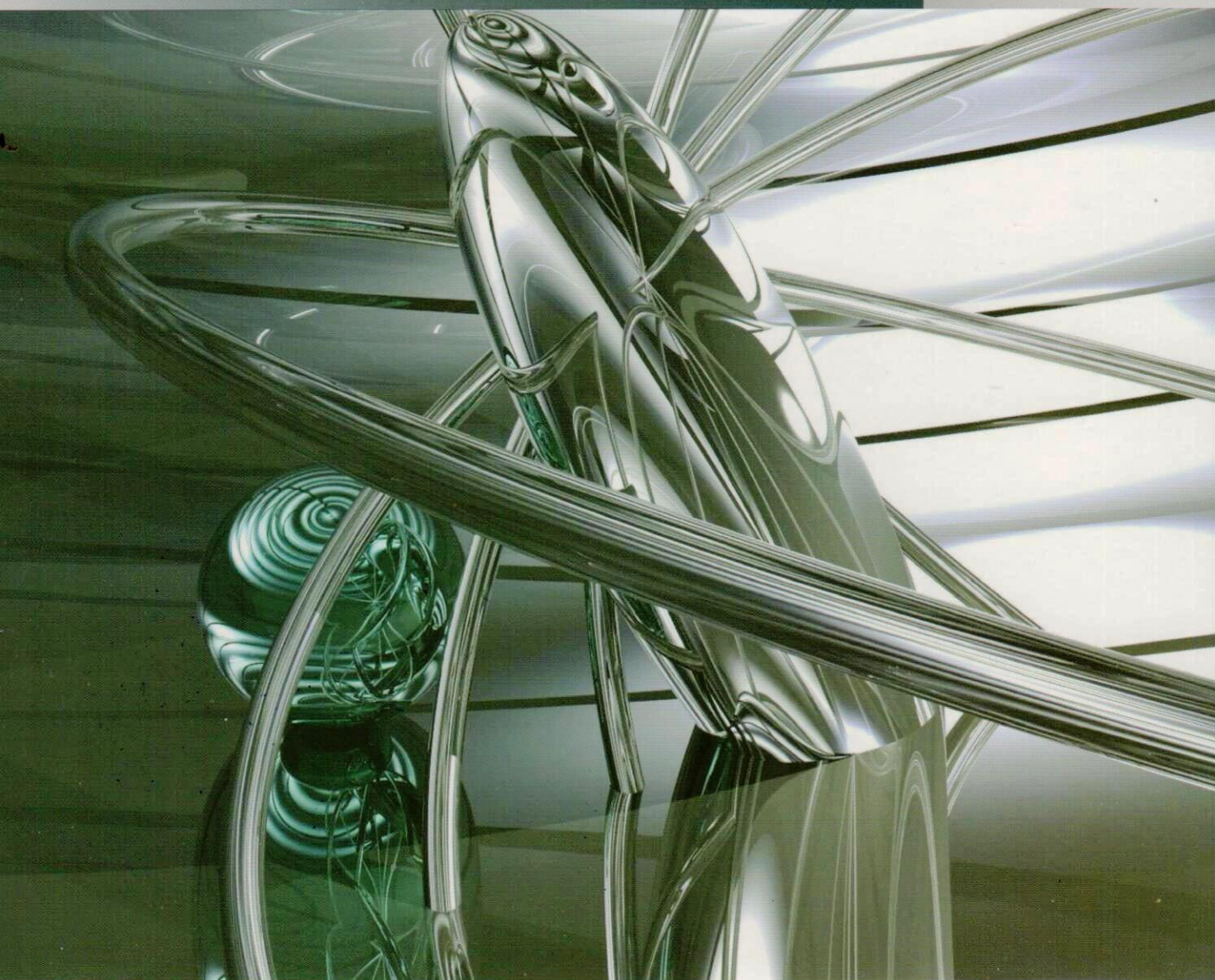


Metalized Films



ARYAFILM



Metalized Polyester Films

These are films with a thin Deposition of metal (Aluminium) on the film surface. It offers a glossy metallic appearance of an Aluminium Foil at a reduced weight and cost. Metalized Polyester films are widely used for industrial, decorative purposes and food packaging.

The metal coating improves the barrier of the film from light, moisture and oxygen without changing the basic properties of base film.

JBF offers a wide range of Metalized Polyester films with different levels of barrier, uniformity of metal coating and metal bond strength to fulfill the varying needs of packaging, textile, Industrial and decorative applications.



JBF Can Offer the Following Variants . . .

- Isotropic Metalized PET
- Transfer Metalized Films
- Transparent High Barrier Metalized films (ALOX)
- Low Optical Density Metalized films (O.D 0.18 – 0.45)
- Normal Metalized films (OD 2.0 – 2.4)
- High barrier Metalized films (OD 2.5 - 3.0)
- High bond strength metalized films (up to 750gms/25mm)
- Metalized films for Metallic Yarn
- Thick metalized films for Sequins
- Matt Metalized films for Labels
- Both side Metalized films for Decoration and Yarn
- Twistable Metalized films
- White Opaque Metalized films for Labels
- Amber Metalized films
- Specialty Coated Metalized PET
- Heat Sealable Metalized Films



Barrier Properties

Optical Density		JBF Method	2.2	2.5	2.8	3.0
M.V.T.R. 38°C 90% RH	gm/M ² /Day gm/100 in ² /Day	ASTM E 96	1.0 0.06	0.7 0.042	0.5 0.03	0.3 0.018
O.T.R. 23°C 0% RH	cc/M ² /Day cc/100 in ² /Day	ASTM D 3985	1.0 0.06	0.8 0.05	0.6 0.04	0.4 0.024

Bond Strength

Film Type	Description	Bond Strength gm/25mm (Min)
AM 400	Metal on Untreated Surface	> 150
AM 410	Metal on Corona Surface	> 200
AM 420	Metal on Copolymer Coated Surface	> 350
AM 425	Metal on Chemical Coated Surface	> 550
AM 451(SP)	Metal on Special Chemical Coated Surface	> 750
AM 407	Metal on Modified Surface	< 50
AM 506	Metal on Modified Surface	> 750
AM 510	Metal on Corona side Heat Sealable	> 200



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