

MP35TTIWL

BOPP FILMS

METALLISED CAVITATED CORONA TREATED BOTH SIDES FOR WRAP AROUND LABELS



DESCRIPTION

OPP MPWL is white cavitated high gloss metallised **BOPP** film developed for reel fed wrap around labelling applications. It is designed for optimized performance on the most demanding machines and superior graphics.

PRODUCT FEATURES

- Brilliant metallic appearance
- Excellent adhesion of Aluminium to film
- Printable / Glueable
- High resistance to elongation on labelling machine
- Consistently low coefficient of friction
- Excellent web flatness

APPLICATIONS

Reel-Fed Wrap around Labels

- Beverage (Carbonated, alcoholic, mineral water)
- Dairy products
- House hold and detergents
- Health and beauty care

NOMENCLATURE

MP35TTIWL – Corona treated metallized surface is Inside & corona treated Heat seal surface Outside
MP35TOIWL – Corona treated metallized surface is Outside & corona treated Heat seal surface Inside

	PROPERTIES	POSITION	MP35TTIWL	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	1.38	mils	Internal Method
	Density	-	0.75	g/cc	Internal Method
	GSM	-	5.39	lb/1000ft ²	Internal Method
	Yield	-	26787	in ² /lb	Internal Method
OPTICAL	Optical Density	-	2.5	-	Internal Method
SURFACE	COF (Dynamic)	Film / Film	0.3	-	ASTM D 1894
	Metal Adhesion	-	100	-	Internal Method
MECHANICAL	Tensile Strength (at break)	-MD -TD	11379 17068	psi	ASTM D 882
	Elongation (at break)	-MD -TD	200 70	%	ASTM D 882
	Elastic Modulus	-MD -TD	113786 256019	psi	ASTM D 882
	Linear Shrinkage	-MD -TD	4 2	%	ASTM D 1204

The figures and above properties refer to typical values which are indicative only. Customers should verify the suitability of the film for its specific end use. Therefore this document will not represent a product specification.

GUIDELINES FOR STORAGE

Temperature should preferably be less than 30°C & humidity 55±5% in storage areas and material should be consumed within three months of receipt. OPP films should be allowed to reach operating room temperature 24 hours before use

FOOD CONTACT

OPP films complies with the requirements of FDA, EC & REACH regulations. Specific documentation is available on request.

SAFETY

Compliance with industrial health and safety standards. OPP films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health & safety regulations are observed. Relevant guidelines can be found in our MSDS (available upon request).

CAUTIONS

- Use Primer before printing in metal side
- Film characteristics are maintained for six months from the date of invoicing except for metallized layer surface tension
- Strongly recommend online corona treatment in metallised films during lamination as treatment level decay with time is a natural phenomenon which depends on ambient conditions (Recommended storage conditions: Temperature < 30 deg C & Humidity 55% (Maximum) in original packed condition)