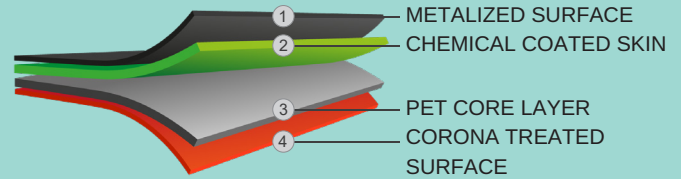




WHITE METALIZED PET

WHITE METALIZED PET - is white film that is metalized on the chemical coated side with the other side corona treated polyester film. This film is suitable for flexible packaging applications and has excellent gloss & barrier properties.



SR. NO	PROPERTIES	TEST METHOD	UNIT	TARGET	MINIMUM	MAXIMUM		
GENERAL								
1	Thickness	Internal	Micron	12.00	11.64	12.36		
			Guage	48.00	46.56	49.44		
2	Yield	Internal	sq in/lb	40.687	39.498	41.945		
MECHANICAL								
1	Tensile Strength at break	ASTM D 882	Kg/cm ²	MD/TD	2100	1900	2300	
			(Kpsi)		29.9	27.0	32.7	
2	Elongation at break	ASTM D 882	%	MD	130	90	170	
				TD	120	80	160	
3	Co-efficient of friction One side to Other side	ASTM D 1894	-	Static	0.60	0.50	0.70	
				Dynamic	0.55	0.45	0.65	
4	Metal Bond Strength	TP-105-92	gm/25 mm	800	700	900		
THERMAL								
1	Shrinkage @ 150°C/30'	ASTM D 1204	%	MD	2.0	1.6	2.6	
				TD	0.4	0.0	0.8	
2	Melting Point	Internal	°C	252	250	255		
SURFACE TREATMENT LEVEL								
1	Corona Treated Level	ASTM D 2578	Dynes/cm	52	50	54		
BARRIER								
Optical Density			M.V.T.R. (ASTM F 1249)			O.T.R. (ASTM D 3985)		
(JBF Method)			gm/m ² /day (38°C 90% RH)			cc/m ² /day (23°C 0% RH)		
Target	Minimum	Maximum	Target	Minimum	Maximum	Target	Minimum	Maximum
2.2	2.0	2.4	0.9	0.7	1.1	1.0	0.8	1.2
2.5	2.3	2.7	0.7	0.5	0.9	0.8	0.6	1.0
2.8	2.6	3.0	0.5	0.3	0.7	0.6	0.4	0.8
3.0	2.8	3.2	0.3	0.2	0.5	0.4	0.2	0.6

* MD = Machine Direction, * TD = Transverse Direction

Storage & Handling: Needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

Food Contact: Complies with EC (EU 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

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