

Océ-Imaging Supplies

Product Reference Sheet Laminates

Version 001

Date: 7-19-00

Product Name	Océ TSLA65 / TSLA10 Pressure Sensitive Laminate 6.5 mil and 10 mil		
Product Description	<ul style="list-style-type: none"> ■ A clear textured 6.5 mil (TSLA65) and 10 mil (TSLA10) scratch resistance vinyl with a permanent pressure sensitive adhesive and a clear release liner. 		
Physical Properties	Total film thickness (film +adhesive)	TSLA65 - 7.5mils (Face: 6.5mils)	
	Release liner thickness	TSLA10 - 11.0mils (Face: 10mils)	
	Adhesion	2mil BOPP liner	
		2.25 lbs./in - 24 hour dwell	
Features	<ul style="list-style-type: none"> ■ Matte textured vinyl surface for optimum graphic protection, glare reduction and scratch resistance. ■ Film and/or adhesive will exhibit no yellowing, fogging or loss of transparency for up to one year normal indoor vertical exposure. ■ Provides a cost-effective alternative for a variety of applications including exhibit graphics. ■ Pressure sensitive laminate adheres to variety of substrates without heat. ■ Tunnel resistant overlam, unrolls nicely and returns flat quickly. ■ Release liner leaves no residue on the final product. 		
Available sizes & Item numbers	Width (in)	Length (ft)	Item numbers
	38	75	TSLA650001 (6.5 mils)
	55	75	TSLA650002 (6.5 mils)
	38	75	TSLA100001 (10 mils)
	55	75	TSLA100001 (10 mils)
Storage conditions and Shelf life	<ul style="list-style-type: none"> ■ Temperature 10-30°C. ■ Relative Humidity 20 - 70%. ■ 2 years when stored at 70°F and 50% R.H. 		
Environment, Health & Safety	<ul style="list-style-type: none"> ■ No Material Safety Data Sheet required. ■ Waste not suitable for recycling. 		
Main Applications	<ul style="list-style-type: none"> ■ This product is intended for use as an overlaminating film for thermal and piezo ink jet printed graphics using dye or pigment based ink systems. The product is intended for indoor applications ranging from exhibit graphics to POP displays and from placemats to computer mousepads. 		
Processing Tips	<ul style="list-style-type: none"> ■ TSLA laminates will provide a competitive level of fade resistance for ink jet prints with both dye and pigment based ink systems. Durability will vary based on ink, media and printing system used, consistency of exposure and type of lighting exposure. Testing for fitness for use is strongly recommended. ■ Store finished graphics in a cool, dry area (55-70°F,50%RH) ■ TSLA laminates are not recommended nor warranted for performance or liability if used for floor graphic applications. 		
Application Tips	<ul style="list-style-type: none"> ■ Adhesive side is inside of the roll. ■ TSLA65 and TSLA10 are designed for cold, pressure-sensitive lamination. (Slight amount of heat 80-100°F on top roller, pressure of 30-40 lbs/sq.in. and speed of 2.5-3 ft/min. will aid lamination. Maintain equal tension between laminate and media to avoid inducing curl.) ■ Good adhesion is predicated on having the image thoroughly dried. (Allow image to dry 24 hrs. for optimum lamination performance.) ■ For moisture resistance, it is best if the laminate extends beyond the media when applied to a flat surface or use an edge sealer to prevent moisture from seeping in from the edges. ■ In some cases, this product can be hand applied ■ Adhesive is aggressive - For single-sided laminate application use a silicone coated slip sheet to avoid laminate sticking to laminator rolls during processing. 		

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Application Tips

- It is recommended when rolling laminated graphics, roll up image side out and place in a minimum 3" diameter tube. Do not use rubber band to secure rolled graphic as this may induce tunneling. Evenly spaced masking tape may be used as an alternative to a tube.
- Océ TSLA laminates may be used with Océ paper products, however, avoid tight rolling of graphics as tunneling may occur. For best roll up results, use Océ OBM09 Banner media for printing graphics with TSLA laminates.
- The above is provided as a guide. Testing for fitness for use with materials being processed is recommended.

Performance on inkjet media

TSLA10 and TSLA65 are laminates designed to work with Océ media printed on the printers noted below with OEM dye or pigment based ink systems. Refer to the appropriate Océ specification bulletin or product reference sheet for the specific media you intend to print for printer compatibility. Do not print on TSLA10 and TSLA65.

Printer Compatibility

Machine Type	Compatibility	
	TSLA10	TSLA65
ColorSpan DisplayMaker XII	X	X
ColorSpan DisplayMaker Hi-Res 8	X	X
EnCad NovaJet Pro E	X	X
EnCad NovaJet Pro-500, 630, 700	X	X
Epson 9000	X	X
HP 750	X	X
HP1000 Series	X	X
HP2x00/3x00	X	X
LaserMaster	X	X
NovaJet II/III/IV/Pro	X	X
Océ 5350-300dpi/-600dpi	X	X
Océ CS 5050/CS 5070	X	X
Roland Hi-Fi Jet	X	X
Roland Cam Jet	X	X

Legend: X = Compatible U = Untested - = Not Recommended