

→ TroLase Lights (metallic colours) – Technical Data Sheet

Physical Properties	Specifications		
Substrate	PET		
Substrate Colours	Transparent		
Substrate Gauges	0.004 mils		
Sheet Sizes	24.25" x 48.25"		
Fabrication Properties	Router, saw, die-cut and laser		
UV Light Resistance	Not applicable		
Abrasion	Taber testing < 200 cycles with CS17 wheel/500 grams		
Cleaning Instructions	Not applicable		
Optical	Not applicable		
Properties	Unit	Value	Test Method
Mechanical			
Tensile Strength	p.s.i. MD	25,500 (18)	ASTM D 882
	(kg/mm ²)	30,000 (21)	
Elongation at Break	% MD	185	ASTM D 882
	TD	140	
Surface			
Coefficient of Friction	μk (kinetic)	0.39	ASTM D1894
	μs (static)	0.43	
Surface Tension	dyne, chemical	36	ASTM D 2578
Thermal			
Heat Shrinkage	% MD	1.0	SKC method (150 °C x 30 min)
	TD	0.6	

All products are sold on the condition that purchasers will make their own tests to determine the suitability of these products for their specific purposes and fields of use, and that purchasers will assume all risks and liability for the consequences of the product's use, including its use in accordance with the seller's recommendations. Nothing in this Data Sheet shall constitute permission or a recommendation to apply or use any invention covered by any patent owned by this company or by others. NO WARRANTY IS PROVIDED OF THE PRODUCTS' SALEABILITY OR SUITABILITY FOR SPECIFIC PURPOSES. THE PRODUCTS MEET THE SELLER'S RELEVANT STANDARD SPECIFICATIONS, BUT NO OTHER GUARANTEES ARE PROVIDED FOR THE DESCRIBED PRODUCTS.

→ TroLase Lights (metallic colours) – Technical Data Sheet

Physical Properties	Specifications		
Substrate	PET		
Substrate Colours	Transparent		
Substrate Gauges	0.004 mils		
Sheet Sizes	24.25" x 48.25"		
Fabrication Properties	Router, saw, die-cut and laser		
UV Light Resistance	Not applicable		
Abrasion	Taber testing < 200 cycles with CS17 wheel/500 grams		
Cleaning Instructions	Not applicable		
Optical	Not applicable		
Properties	Unit	Value	Test Method
Mechanical			
Tensile Strength	p.s.i. MD	25,500 (18)	ASTM D 882
	(kg/mm ²)	30,000 (21)	
Elongation at Break	% MD	185	ASTM D 882
	TD	140	
Surface			
Coefficient of Friction	μk (kinetic)	0.39	ASTM D1894
	μs (static)	0.43	
Surface Tension	dyne, chemical	36	ASTM D 2578
Thermal			
Heat Shrinkage	% MD	1.0	SKC method
	TD	0.6	(150 °C x 30 min)

All products are sold on the condition that purchasers will make their own tests to determine the suitability of these products for their specific purposes and fields of use, and that purchasers will assume all risks and liability for the consequences of the product's use, including its use in accordance with the seller's recommendations. Nothing in this Data Sheet shall constitute permission or a recommendation to apply or use any invention covered by any patent owned by this company or by others. NO WARRANTY IS PROVIDED OF THE PRODUCTS' SALEABILITY OR SUITABILITY FOR SPECIFIC PURPOSES. THE PRODUCTS MEET THE SELLER'S RELEVANT STANDARD SPECIFICATIONS, BUT NO OTHER GUARANTEES ARE PROVIDED FOR THE DESCRIBED PRODUCTS.