



Trotec Recommended Laser Material

SLQ Wiki Fabrication Lab 2024/09/21 11:06

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Materials recommended for cutting/ etching on Trotec Rayjet Laser

Material	Abbreviation	Trade name	
Acrylics			
Poly(methyl methacrylate)	PMMA	Plexiglas®, Perspex®, Altuglas®	Acrylite®
Plastics			
Polyamide	PA	Nylon®	
Polyoxymethylene	POM	Delrin®	
Polyester	PES	Thermolite®, Polarguard®	
Polyethylene terephthalate	PET	Mylar®	
Polyimide	PI	Kapton®	
Polystyrene	PS		
Polymethyl-methacrylate	PMMA	Plexiglas®	
Polycarbonate	PC	Lexan®, Makrolon®	
Polypropylene	PP		
Acrylonitrile butadiene styrene co-polymerisate	ABS		
Polyethylene	PE		
Polyurethane	PUR	Neopren®	
Other Materials			
Glass (etching only)			
Natural & some synthetic Leather			
Metals (etching only) Including - Aluminium, Carbide, Coated metals, Cobalt, Gold, Silver, Steel, Chrome, Copper, Platinum, Tin, Brass, Zinc, Titanium & Eloxal.			
Paper & Cardboard			
Rubbers			
Natural and some synthetic rubbers, Microporous foam and Silicone Rubber			
Natural stone - Granite Ceramic Marble Slate Pebble			
Textiles - Polyester, Lace, Fleece, Silk, Cotton, Felt, Aramid, Synthetic & technical textiles			
Wood and timber – Veneers , solid timbers, balsa and some MDF and Plywoods			

<http://www.troteclaser.com/en-US/Materials/Pages/Material-Overview.aspx> on 9 May 2016.