

LASER SHIELDING SOLUTIONS

FROM PLASKOLITE



TUFFAK® LS FOR LASER SHIELDING APPLICATIONS

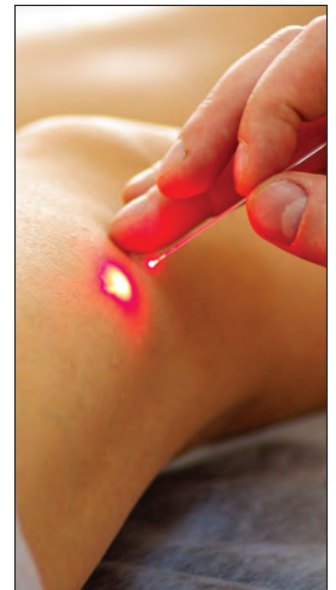
WHEN USING CO₂ CUTTING, MEDICAL, DENTAL, DERMATOLOGICAL, GREEN AND RESEARCH LASERS

Working with high intensity lasers doesn't need to lead to unsafe conditions. Using TUFFAK LS for laser shielding barriers protects eyes and skin from being harmed by accidental exposure to a laser beam. By installing specialty tinted safety screens, windows, enclosures and partitions of optically clear polycarbonate, high visibility is achievable while still maintaining the highest personal safety standards. TUFFAK LS is available in 0.118", 2'x 4', 4'x 8' sheets and in three standard transparent colors; IR blocking light gray, visible light blocking bright amber and UV blocking yellow.

Features and benefits of using TUFFAK LS

- » Outstanding impact strength
- » High temperature resistance
- » High light blocking properties at targeted wavelengths
- » High optical clarity
- » High Optical Density protection
- » Low weight compared to glass
- » Available in IR, Visible and UV laser blocking tints
- » Certified to ANSI Z136.7: Testing and Labeling of Laser Protective Equipment

TUFFAK LS polycarbonate sheets are designed for a wide range of applications, including door and room windows, standing panels and screens, modular barriers, and enclosures.



Applications where portable laser shielding is appropriate

PLASKOLITE



Alro *Plastics*

Sheet • Rod • Tube • Film • Profiles • Machined Parts

SINCE 1987

PRODUCTS

All trademarks listed below are the property of their respective owners.

ABS	Foamlite®	Nyloil®	PVDF	TIVAR® 1000
Acetal Copolymer	Fluorosint®	Nylon	Radel®	TIVAR® 88
Acetron® GP	G10 / FR-4	Optix®	Reprocessed UHMW	Tooling Board
Acrylic	GPO-3	Palight®	Rubber	Torlon® PAI
Boltaron®	HDPE	Palsun®	SafPlate®	Tuffak®
Cast Nylon	Hydex® 202/301	PBT	SafRail™	UHMW-PE
Chemgrate®	Hydex® 4101/4101L	PEEK	Sanalite®	Ultem®
Clear PVC	Hydlar®	PET	Semitron®	Urethane
Composolite®	Industrial Laminates	PETG	Sustarin® C	VHMW-PE
Corrugated	Ketron® PEEK	Phenolic	Tecaform®	Vivak®
CPVC	King ColorCore®	Plexiglas®	Tecasint™	Zelux®
Cutting Board	King Hy-Pact®	Polycarbonate	Techtron® PPS	
Delrin®	King StarBoard®	Polyethylene		
Densetec®	KomaALU®	Polypropylene		
Detectables	KomaTEX®	Polystone®		
DuraDek®	Kynar® PVDF	Polystyrene		
DuraGrate®	LDPE	Polysulfone		
DuraGrid®	Life Science Grades	PPS		
DuraTread®	LubX® C / CV	Precision Board Plus		
Duratron®	MC® 901/MC® 907	Profiles		
Ertalyte®	Medical Grades	Propylux®		
Extren®	Micarta®	Proteus® LF PP		
Extrusions	Noryl® PPO	PTFE / TFE		
Fiberglass Grating	Nyla-Glide GR™	PVC		
Films	Nylatron®	PVC Foam Sheet		



PROCESSING



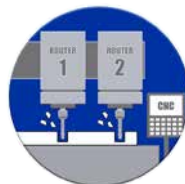
Panel Saw Cutting
Sheets up to 8" thick



Band Saw Cutting
Rounds up to 18" dia.



Waterjet
Sheets up to 10" thick



Routing
Sheets up to 4" thick



Milling
Pieces up to 6" thick



Welding
Hot Gas & Extrusion

LOCATIONS

JACKSON
2218 Enterprise
Jackson, MI 49204
Ph: (517) 787-5500

DETROIT
1750 E. Heights Drive
Madison Heights, MI 48071
Ph: (800) 877-2576

GRAND RAPIDS
4670 60th S.E.
Grand Rapids, MI 49512
Ph: (616) 656-2820

EVANSVILLE
1414 Baker Avenue
Evansville, IN 47710
Ph: (812) 424-5554

CHICAGO
279 Madsen Drive
Suite #102
Bloomingdale, IL 60108
Ph: (888) 877-2576

CLEARWATER
12171 62nd Street
Suite #150
Largo, FL 33773
Ph: (727) 573-1480

LOUISVILLE
5500 Shepherdsville Rd
Suite #300
Louisville, KY 40228
Ph: (502) 968-9980