

# CHEMICAL RESISTANCE CHART



This chart is designed to assist you in selecting the best mat for any application where chemicals may be present.

- Indicates acceptable usage
- Indicates not acceptable usage
- N/T Indicates no test available

These ratings are to be used as a guide only – product samples are available and recommended for on-site testing. Please note that tests are done at room temperature and higher temperatures can significantly change these ratings.

	Liquid	Liquid	Liquid	Liquid	Solid	Liquid/Gas	Solid/Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Gas	Liquid	Liquid	Solid	Liquid	Liquid/Gas	Liquid	Liquid	Liquid	Liquid
	Acetaldehyde (40% sol.)	Acetic Acid (50% sol.)	Acetic Anhydride	Acetone	Aluminium Hydroxide	Ammonia	Animal Fats/Greases/Oil	Anti-Freeze (Ethylene Glycol)	Benzene	Bleach	Boric Acid	Brake Fluid	Bromine	Butyl Acetate	Butyl Alcohol	Calcium Chloride	Carbon Tetrachloride	Chloroform	Cooking Oils (Veg, Olive etc-dilute)	Cyclohexanol	Cyclohexanone	Dibutyl Phthalate
ASTM Switchboard Matting	x	✓	x	x	✓	x	x	✓	x	✓	✓	x	✓	x	✓	x	x	x	✓	x	x	x
Cellmax	✓	x	x	x	✓	✓	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	x	x	x	x
Chef Mat	x	x	x	x	✓	✓	✓	✓	x	✓	✓	x	x	x	✓	✓	x	x	✓	✓	x	x
Chequer Plate Runner	x	✓	x	x	✓	x	x	✓	x	✓	✓	x	✓	x	✓	✓	x	x	x	✓	✓	x
Cushion Link (open/solid top) Nitrile FR	x	x	✓	x	✓	✓	✓	✓	x	✓	✓	x	x	x	✓	✓	x	x	✓	x	x	x
Cushion Link (open/solid top) General Purpose	✓	x	x	x	✓	✓	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	x	x	x	x
Cushion Link (open/solid top) Nitrile FR Abrasive	x	x	✓	x	✓	✓	✓	✓	x	✓	✓	x	x	x	✓	✓	x	x	✓	x	x	x
Cushion Link Open Top Brake Fluid Resistant FR	✓	✓	✓	✓	N/T	N/T	x	✓	x	✓	x	✓	x	x	✓	✓	x	x	x	x	✓	✓
Cushion Link Open Top Nitrile Anti-Bacterial	x	x	✓	x	✓	✓	✓	✓	x	✓	✓	x	x	x	✓	✓	x	x	✓	x	x	x
Cushion Link Open Top Nitrile Red	x	x	x	x	✓	✓	✓	✓	x	✓	✓	x	x	x	✓	✓	x	x	✓	✓	x	x
Cushion Link Solid Top Conductive Nitrile	x	x	✓	x	✓	✓	✓	✓	x	✓	✓	x	x	x	✓	✓	x	x	✓	x	x	x
Cushion Link Solid Top Nitrile	x	x	x	x	✓	✓	✓	✓	x	✓	✓	x	x	✓	✓	✓	x	x	✓	✓	x	x
Cushion Link Solid Top Static Dissipative Nitrile	x	x	✓	x	✓	✓	✓	✓	x	✓	✓	x	x	x	✓	✓	x	x	✓	x	x	x
Diamond Interlock	✓	x	x	x	✓	✓	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	x	x	x	x
Dynamat	✓	x	x	x	✓	✓	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	x	x	x	x
Ecosorb	x	x	✓	x	✓	✓	✓	✓	x	✓	✓	x	x	x	✓	✓	x	x	✓	x	x	x
Ergomax Super	x	x	✓	x	N/T	✓	✓	✓	x	✓	✓	x	x	N/T	N/T	✓	N/T	x	✓	N/T	x	x
Ergotred	✓	x	x	x	✓	✓	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	x	x	x	x
ESD Kumfi Pebble	x	✓	x	x	✓	x	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	✓	x	x	x
ESD Kumfi Tough	x	✓	x	x	✓	x	x	✓	x	✓	✓	x	✓	x	✓	✓	x	x	✓	x	x	x
ESD Worktop Matting	x	✓	x	x	✓	x	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	✓	x	x	x
Happy Feet	x	N/T	✓	x	N/T	✓	✓	✓	x	N/T	N/T	N/T	x	N/T	N/T	N/T	N/T	N/T	✓	x	x	x
Hygimat	✓	x	x	x	✓	✓	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	x	x	x	x
Interflex, Interflex Hazard, Interflex Glow, Interflex Splash	x	✓	x	x	✓	✓	N/T	✓	x	✓	✓	x	✓	x	✓	✓	x	x	✓	x	x	x
Interflex Grip	✓	✓	x	✓	✓	✓	N/T	✓	x	✓	✓	✓	x	✓	✓	N/T	x	x	✓	x	x	x
Interflex Style	x	✓	x	x	✓	✓	N/T	✓	x	✓	✓	x	✓	x	✓	✓	x	x	✓	x	x	x
Kumfi Diamond / Kumfi Bubble	x	✓	x	x	✓	x	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	✓	x	x	x
Kumfi Pebble / Kumfi Rib	x	✓	x	x	✓	x	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	✓	x	x	x
Kumfi Step	✓	✓	x	✓	✓	✓	N/T	✓	x	✓	✓	✓	x	✓	✓	N/T	x	x	✓	x	x	x
Kumfi Tile PVC	x	✓	x	x	✓	✓	N/T	✓	x	✓	✓	x	✓	x	✓	✓	x	x	✓	x	x	x
Kumfi Tile Polypropylene	✓	✓	x	✓	✓	✓	N/T	✓	x	✓	✓	✓	x	✓	✓	N/T	x	x	✓	x	x	x
Kumfi Tough & Kumfi Tough Super	x	✓	x	x	✓	x	x	✓	x	✓	✓	x	✓	x	✓	✓	x	x	✓	x	x	x
Oilzone & Oilzone Custom	x	x	✓	x	✓	✓	✓	✓	x	✓	✓	x	x	x	✓	✓	x	x	✓	x	x	x
PVC Cable Protector / HD Cable Protector	x	✓	x	x	✓	✓	N/T	✓	x	✓	✓	x	✓	x	✓	✓	x	x	✓	x	x	x
Plate Finish Rubber	✓	x	x	x	✓	✓	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	x	x	x	x
Rib Mat Electrical	✓	x	x	x	✓	✓	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	x	x	x	x
Rubber Rib Mat	✓	x	x	x	✓	✓	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	x	x	x	x
Safety Scrape	x	N/T	✓	x	N/T	✓	✓	✓	x	N/T	N/T	N/T	x	N/T	N/T	N/T	N/T	N/T	✓	x	x	x
Texture Top	✓	x	x	x	✓	✓	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	x	x	x	x
Tuffzone	x	✓	x	x	✓	✓	N/T	✓	x	✓	✓	x	✓	x	✓	✓	x	x	✓	x	x	x
Workzone Black and Workzone Deluxe Black	✓	x	x	x	✓	✓	x	✓	x	✓	✓	x	x	x	✓	✓	x	x	x	x	x	x
Workzone Red & Workzone Deluxe Red or Blue	x	x	x	x	✓	✓	✓	✓	x	✓	✓	x	x	x	✓	✓	x	x	✓	✓	x	x

# CHEMICAL RESISTANCE CHART



Material	Diesel Oil	Ethyl Alcohol (Ethanol)	Formaldehyde	Formic Acid	Freon 134A	Hydraulic Fluid (Petroleum)	Hydrochloric Acid (50% sol.)	Hydrofluoric Acid (40% sol.)	Hydrogen Peroxide	Isopropyl Alcohol	Jet Fuel	Kerosene	Methyl Alcohol (Methanol)	Methyl Benzene (Toluene)	Methyl Ethyl Ketone (MEK)	Methylene Chloride	Mineral Oil	Motor Oil	Nitric Acid (50% sol.)	Octane	Petrol (Unleaded)	Phenol (Carbolic Acid)	Phosphoric Acid (10% sol.)	Phosphoric Acid (11-85% sol.)	Propylene Glycol	Salt Water	Sodium Hydroxide	Styrene	Sulphuric Acid (<25% sol.)	Sulphuric Acid (26-95% sol.)	Tetrahydrofuran (THF)	Transmission Fluids	Turpentine	Vinegar	Xylene		
Aluminum	x	x	✓	✓	✓	x	✓	x	✓	✓	x	x	✓	x	x	x	x	✓	✓	✓	x	x	✓	✓	N/T	✓	✓	x	✓	x	x	✓	✓	✓	✓	x	
Brass	✓	✓	✓	✓	✓	✓	x	x	x	✓	✓	✓	✓	x	x	x	✓	✓	x	✓	✓	x	x	✓	✓	✓	✓	✓	x	✓	x	✓	✓	✓	✓	x	
Carbon Steel	x	x	✓	✓	✓	x	✓	x	✓	✓	x	x	✓	x	x	x	x	✓	✓	✓	x	x	✓	✓	✓	N/T	✓	✓	x	✓	x	x	✓	✓	✓	✓	x
Copper	✓	✓	✓	✓	N/T	✓	x	x	x	✓	✓	✓	✓	x	x	x	✓	✓	x	✓	✓	x	x	✓	✓	✓	✓	✓	✓	x	✓	x	✓	✓	✓	✓	x
Galvanized Steel	x	✓	x	✓	✓	x	✓	x	x	✓	x	x	✓	x	x	x	x	x	x	x	x	x	x	✓	✓	✓	✓	✓	✓	x	✓	x	✓	✓	✓	✓	x
Glass	✓	✓	✓	✓	✓	✓	x	x	x	✓	✓	✓	✓	x	x	x	✓	✓	x	✓	✓	x	x	✓	✓	✓	✓	✓	✓	x	✓	x	✓	✓	✓	✓	x
Inconel	✓	✓	✓	✓	✓	✓	x	x	x	✓	✓	✓	✓	x	x	x	✓	✓	x	✓	✓	x	x	✓	✓	✓	✓	✓	✓	x	✓	x	✓	✓	✓	✓	x
Iron	✓	✓	✓	✓	✓	✓	x	x	x	✓	✓	✓	✓	x	x	x	✓	✓	x	✓	✓	x	x	✓	✓	✓	✓	✓	✓	x	✓	x	✓	✓	✓	✓	x
Lead	✓	✓	✓	✓	✓	✓	x	x	x	✓	✓	✓	✓	x	x	x	✓	✓	x	✓	✓	x	x	✓	✓	✓	✓	✓	✓	x	✓	x	✓	✓	✓	✓	x
Nickel	✓	✓	✓	✓	✓	✓	x	x	x	✓	✓	✓	✓	x	x	x	✓	✓	x	✓	✓	x	x	✓	✓	✓	✓	✓	✓	x	✓	x	✓	✓	✓	✓	x
Plastic	✓	✓	✓	✓	✓	✓	x	x	x	✓	✓	✓	✓	x	x	x	✓	✓	x	✓	✓	x	x	✓	✓	✓	✓	✓	✓	x	✓	x	✓	✓	✓	✓	x
Stainless Steel	✓	✓	✓	✓	✓	✓	x	x	x	✓	✓	✓	✓	x	x	x	✓	✓	x	✓	✓	x	x	✓	✓	✓	✓	✓	✓	x	✓	x	✓	✓	✓	✓	x
Titanium	✓	✓	✓	✓	✓	✓	x	x	x	✓	✓	✓	✓	x	x	x	✓	✓	x	✓	✓	x	x	✓	✓	✓	✓	✓	✓	x	✓	x	✓	✓	✓	✓	x
Zinc	✓	✓	✓	✓	✓	✓	x	x	x	✓	✓	✓	✓	x	x	x	✓	✓	x	✓	✓	x	x	✓	✓	✓	✓	✓	✓	x	✓	x	✓	✓	✓	✓	x