

Mat Tech - Chemical Resistance Chart

Please use this chart as a basic guide. In many cases, resistance to these chemical solutions have been evaluated as a result of intermittent exposure rather than constant exposure. If concerned, please request a sample for testing under your conditions.

Product	acetic acid	acetone	animal fat	brake fluid	butyl alcohol	butyl acetate	chlorine (wet)	cutting oil	formaldehyde	gasoline	hydraulic fluid	hydrochloric acid	MEK	mineral oil	motor oil	nitric acid dilute	sodium hydroxide dilute	sulfuric acid 25%	Toluene	trans fluid	vegetable oil	xylene
Astro-Plus	1	1	1	1	1	2	4	2	1	2	2	1	2	2	2	1	1	1	3	2	2	4
Comfort-King	1	4	1	3	2	4	4	4	2	3	2	1	4	2	2	2	1	1	4	2	1	4
Comfort-King Supreme	1	4	1	3	2	4	4	4	2	3	2	1	4	2	2	2	1	1	4	2	1	4
Crown-Tred	2	4	4	2	2	4	4	2	2	4	2	2	4	2	2	4	1	3	4	2	2	4
Cushion-Step Vinyl	1	4	1	3	2	4	3	4	2	3	2	1	4	2	2	2	2	1	4	2	1	4
Deck Plate Runners	1	4	1	2	2	4	3	3	1	3	1	1	4	2	1	1	1	1	4	2	1	4
Diamond-Deluxe Duet	1	4	1	2	2	4	3	3	2	3	1	1	4	2	1	1	1	2	4	1	1	4
Diamond-Deluxe w/Grit-Safe	2	4	1	1	2	4	4	1	3	2	1	3	4	1	1	4	2	3	4	1	1	4
Dura-Shock	2	4	4	2	2	4	4	2	2	4	2	2	4	2	2	4	1	3	4	2	2	4
Dura-Step	2	3	4	4	2	4	4	4	2	4	3	2	4	3	3	4	1	3	4	4	4	4
Rubber backing	2	4	4	2	2	4	4	2	2	4	2	2	4	2	2	4	1	3	4	2	2	4
Vinyl backing	2	4	1	2	1	4	4	3	1	3	1	1	4	2	1	1	1	1	4	1	1	4
Ergo X-Treme with, w/o Grit	2	4	1	1	1	4	4	1	3	2	1	3	4	1	1	4	2	3	4	1	1	4
Industrial Deck Plate	1	4	1	3	2	4	3	4	1	3	2	1	4	2	2	1	1	1	4	2	1	4
Mat-A-Dor	2	3	4	4	2	4	4	4	2	4	3	3	4	3	2	4	2	3	4	4	4	4
Pro-Tekt Runner	1	4	1	3	2	4	3	3	2	3	1	2	4	2	1	2	2	1	4	1	1	4
Safe-Flow Plus (NBR)	2	4	1	1	2	4	4	1	3	2	1	3	4	1	1	4	2	3	4	1	1	4
Safety-Step Perforated G/P	2	3	2	2	2	4	4	2	3	3	2	3	4	2	2	4	2	3	4	3	3	4
Safety-Step Perforated G/R	2	3	3	4	2	4	4	4	3	4	3	3	4	3	3	4	1	3	4	4	4	4
Safewalk G/P	2	4	2	3	2	4	4	2	2	3	2	3	4	2	2	4	1	3	4	4	4	4
Safewalk G/R	2	3	3	4	2	4	4	3	2	4	3	2	4	3	3	4	1	3	4	4	4	4
Safewalk-Light G/P	2	3	2	3	2	4	4	2	3	3	2	3	4	2	2	4	2	3	4	3	3	4
Safewalk-Light G/R	2	3	3	4	2	4	4	4	3	4	3	3	4	3	3	4	2	3	4	4	4	4
Spark-Safe	2	3	4	4	2	4	4	4	3	4	3	1	4	3	3	4	1	1	4	4	4	4
Sta-Kleen Runner	2	4	1	2	1	4	3	2	1	3	1	1	4	2	1	2	2	1	4	2	1	4
Nylon Surface	4	1	1	1	1	1	4	2	2	1	1	4	1	1	1	4	1	4	1	1	1	1
PET (polyester) Surface	3	2	1	1	2	1	4	2	2	1	1	4	1	1	1	3	1	3	1	1	1	1
Olefin / polypropylene Surface	1	1	1	1	1	2	4	2	1	2	2	1	2	2	2	1	1	1	3	2	2	4
Tuff-Spun Foot-Lover	1	4	1	3	1	4	4	4	2	3	2	1	4	2	2	2	2	1	4	2	1	4
Wear-Bond Comfort-King	1	4	1	3	1	4	4	4	2	3	2	1	4	2	2	2	2	1	4	2	1	4
Wear-Bond Tuff-Spun	1	4	1	3	1	4	4	4	2	3	2	1	4	2	2	2	2	1	4	2	1	4
Workers-Delight Elegance	1	4	1	3	2	4	3	4	2	3	2	1	4	2	2	1	1	1	4	2	1	4
Workers-Delight Deck-Plate	1	4	1	2	2	4	3	3	1	3	1	1	4	2	1	1	1	1	4	2	1	4
Workers-Delight FoodMaster	2	4	1	1	2	4	4	1	3	2	1	3	4	1	1	4	2	3	4	1	1	4
Workers-Delight Traction-Plus	1	4	1	2	2	4	3	3	1	3	1	1	4	2	1	1	1	1	4	2	1	4

Key

1	Almost no dimension and/or hardness change
2	Minor change in dimension and/or hardness
3	Moderate change in dimension and/or hardness
4	Not Recommended

G/P Grease Proof
G/R Grease Resistant

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