

DESCO Chemical Resistance Chart for Statfree® ESD Rubber

Chemical		5 Minutes	1 Hour	2 Hours	24 Hours
Worksurface Rubber Statfree® Lead-Free T2, Statfree® T2, Statfree® UC, Dissipative Dual Layer Rubber	Acetic Acid	NA	NA	NA	NA
	Ammonia (10%)	NA	NA	NA	NA
	Sulfuric Acid (4%)	NA	NA	NA	NA
	Nitric Acid (10%)	NA	NA	NA	AA
	Hydrochloric Acid (10%)	NA	NA	NA	AA
	Sodium Hydrate (10%)	NA	NA	NA	AA
	Sodium Hypochlorite	NA	NA	NA	NA
	Sodium Carbonate	NA	NA	NA	NA
	Hydrogen Peroxide	NA	NA	NA	NA
	Ethyl Alcohol (50%)	NA	NA	NA	NA
Floor Mat Rubber Statfree® G2, Statfree® i, Statfree® EB, Statfree® Statfree AFR™ Conductive Rubber	Carbonated Drinks	NA	NA	NA	AA
	Coffee	NA	NA	NA	AA
	Citrate Acid	NA	NA	NA	AA
	Petroleum	NA	NA	NA	AA
	Oil ASTM 1	NA	NA	NA	AA
	Oil ASTM 2	NA	NA	NA	AA
	Perchloroethylen	NA	NA	NA	AA & HA
	Mesitylene	NA	NA	NA	NA

Key
NA: No Alteration
AA: Appearance Alteration
HA: Hardness Alteration
SA: Softness - Alteration
CA: Color Alteration
EA: Electrical Alteration

“Solvents and other chemicals handled at the workstation may have deleterious effects to the worksurface. The worksurface material should be evaluated for required compatibility during the qualification process.” [ESD Handbook TR20.20 section 5.3.1.6 Chemical Considerations]

