



# DESCO

## Chemical Resistance Chart for Statfree® ESD Rubber

|   | Chemical                | 5 minutes | 1 hour | 2 hours | 24 hours |
|---|-------------------------|-----------|--------|---------|----------|
| <b>Worksurface Rubber</b><br>Statfree® Lead-Free T2, Statfree® T2,<br>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       |
| <b>Floor Mat Rubber</b><br>Statfree® G2, Statfree® i, Statfree® EB, Statfree®,<br>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]