

GUIDELINES

Cleaning ARACON[®] Conductive Fiber & EMI Shielding

Keep ARACON conductive fiber and EMI shielding clean by storing in the original shipping container and polyethylene bag until ready for use. Unlike metal wire and shielding, there is no residual lubricating oil on ARACON that needs to be removed. If ARACON needs

to be cleaned, brushing lightly with isopropyl alcohol and blowing dry with compressed air is recommended.

ARACON performs like a metal conductor when exposed to most contaminants. ARACON has successfully passed the fluid resistance tests detailed in the table below.

Test Fluid	Duration and Temperature		
	Immersion	Draining	Oven Cure
JP-8 Military Jet Aircraft Fuel per MIL-DTL-83133	8 hrs @ 70° C	1 hr @ 23° C	72 hrs @ 65° C
Lubricating Hydraulic Fluid per MIL-PRF-5606	8 hrs @ 70° C	1 hr @ 23° C	72 hrs @ 65° C
Coolant Fluid, Silicate Ester HT per MIL-C-47220B	8 hrs @ 70° C	1 hr @ 23° C	72 hrs @ 65° C
Coolant Fluid, Polyalphaolefin per MIL-PRF-87252	8 hrs @ 70° C	1 hr @ 23° C	72 hrs @ 65° C
Cleaning Compound, Aerospace Equipment per MIL-PRF-87937	8 hrs @ 70° C	1 hr @ 23° C	6 hrs @ 100° C
Cleaning Compound, Aircraft Surface per MIL-C-43616	8 hrs @ 70° C	1 hr @ 23° C	6 hrs @ 100° C
Deicing/Anti-Icing Fluid, Aircraft, SAE Type I per SAE AMS 1424	8 hrs @ 70° C	1 hr @ 23° C	6 hrs @ 100° C
JP-4 Turbine Fuel per MIL-DTL-5624	8 hrs @ 25° C	1 hr @ 23° C	6 hrs @ 55° C
JP-5 Turbine Fuel per MIL-DTL-5624	8 hrs @ 25° C	1 hr @ 23° C	6 hrs @ 55° C
Cleaning Compound, Aircraft, Exterior per MIL-PRF-85570	8 hrs @ 25° C	1 hr @ 23° C	72 hrs @ 65° C
Fire Extinguishing Foam	8 hrs @ 25° C	1 hr @ 23° C	6 hrs @ 55° C
Methyl Isobutyl Ketone per ASTM D-1153	8 hrs @ 25° C	1 hr @ 23° C	6 hrs @ 55° C
Solvent per ASTM D-740 MEK	8 hrs @ 25° C	24 hr @ 23° C	-
Solvent 3M Novec HFE-72DE (methyl ethyl-HFE/DCE blend)	8 hrs @ 25° C	24 hr @ 23° C	-
Solvent 3M Novec HFE-7200 (ethyl-HFE blend)	8 hrs @ 25° C	24 hr @ 23° C	-
Corrosion Inhibitor, Type III per MIL-PRF-81309	8 hrs @ 25° C	1 hr @ 23° C	8 hrs @ 60° C
Deicing/Anti-icing Fluid, Generic, Runways and Taxiways per SAE AMS 1435	8 hrs @ 50° C	1 hr @ 23° C	72 hrs @ 65° C
Deicing/Anti-icing Fluid, Aircraft, SAE Type IV (Propylene Glycol) per SAE AMS 1428	8 hrs @ 50° C	1 hr @ 23° C	72 hrs @ 65° C
Deicing/Anti-icing Fluid, Aircraft, SAE Type I (Ethylene Glycol) per SAE AMS 1424	8 hrs @ 50° C	1 hr @ 23° C	72 hrs @ 65° C
Isopropyl Alcohol per TT-I-735	8 hrs @ 50° C	1 hr @ 23° C	72 hrs @ 65° C
Lubricating Oil per MIL-PRF-23699 (Aeroshell 500)	8 hrs @ 150° C	1 hr @ 23° C	72 hrs @ 65° C
Lubricating Hydraulic Fluid per AS1241 (Skydrol 5)	8 hrs @ 85° C	1 hr @ 23° C	72 hrs @ 65° C
Refrigerant, R-134 (under pressure)	8 hrs @ 25° C	1 hr @ 23° C	72 hrs @ 65° C