Meldin® 7000 CHEMICAL RESISTANCE

	MELDIN® 7000 SERIES			
CHEMICAL NAME	**7001**	**7021**	**7022**	**7211**
Acetic Acid (15%)	C	C	C	C
M-Cresol	B*	B*	B*	B*
o-Dichlorobenzene	A	A	A	A
Diethyl Ether	A	A	A	A
Ethanol	A	A	A	A
Hydraulic Fluid, Polyphosphate ester	A	A	A	A
Hydrochloric Acid (38% @ RT)	B	B	B	B
Hydrochloric Acid (5%, 100C)	C	C	C	C
JP-4 Jet Fuel	A	A	A	A
Jet Engine Oils (MIL L78086,T2)	A	A	A	A
Mineral Oil	A	A	A	A
Nitric Acid (70%)	B - C	B - C	B - C	B - C
Nitrobenzene	B*	B*	B*	B*
Nitrogen Tetroxide	B	B	B	B
Perchloroethylene	A	A	A	A
Silicone Fluid	A	A	A	A
Sodium Hydroxide (5%)	C	C	C	C
Tricresyl Phosphate	B	B	B	B
Toluene	A	A	A	A

* Some Swelling may occur

A = HIGHLY RESISTANT

B = MODERATELY RESISTANT

C = REDUCED RESISTANCE

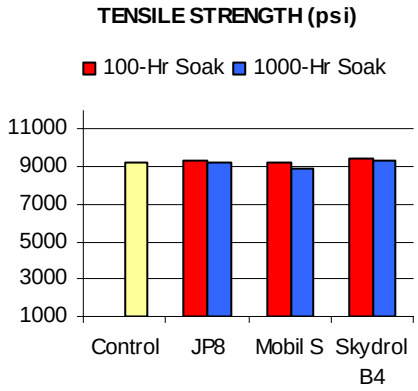
AEROSPACE FLUID TESTS – MELDIN® 7021

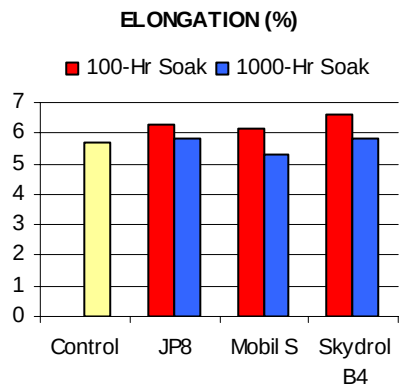
Test Conditions

Measure the tensile strength and % elongation of a control sample and then immersing tensile bars in each fluid for 100 hours and 1000 hours. After each time period, the tensile bars were dried and tested to determine if there were any effects of the immersion process.

Conclusions

As seen in the following graph, Meldin® 7021 shows no ill effects after long term immersion in common aerospace fluids.





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