

MATERIAL SPECIFICATIONS - FLEXO FLAME RETARDANT

CHEMICAL RESISTANCES		Testing Method
1 - No Effect 2 - Little Effect 3 - Moderate Effect 4 - Greater Effect 5 - Severe Effect		
Aromatic Solvents	2	N/A
Aliphatic Solvents	1	N/A
Chlorinated Solvents	3	N/A
Weak Bases	1	N/A
Salts	1	N/A
Strong Bases	2	N/A
Salt Water	1	O-S-1926
Hydraulic Fluid	1	MIL-H-5606
Lube Oil	1	MIL-L-7808
De-Ice Fluid	1	MIL-A-8243
Strong Acids	3	N/A
Strong Oxidants	2	N/A
Esters Keytones	2	N/A
UV Light	1	N/A
Petroleum	1	N/A
Fungus	1	ASTM G-21*

* MIL-1-744, MIL-STD 810/508
 MIL-E-5272, MIL-1-1631

STRENGTH & ABRASION		
Tensile Strength	55000	
Abrasion Resistance	High	
Tenacity gms/denier	4.6	
Typical Elongation	Break	15
	3g/denier	5
Specific Gravity	1.38	

FLAMMABILITY	
Moisture Absorbtion	0.08
Smoke D-Max	275
Toxicity Index	6.2
Flammability Rating	VW-1, FR-1

OUTGASSING	
Outgassing	Moderate
Oxygen Index	31
Specific Gravity g/cc	1.38
Halogen Free	Yes

TEMPERATURES		
Continuous Operating	C	F
Maximum	125	257
Minimum	-75	-103
Melt	230	482