

MATERIALS AND TABLE OF RESISTANCE

Product type	Rubber	Reinforcement	Other components
High-pressure lifting bags, Flat bag	A	Rayon, Kevlar cord	aluminium, steel, brass
Low- and medium pressure air bags, Inflatable stretcher, Rescue Walkway, Inflatable shelters	B	nylon, kevlar, drop stitch fabric	brass, aluminium

Table of Resistance

Chemical	Conc %	Temp C	A	B
Acetone		RT	0	-
Acetylene			+	0
Ammonium Hydroxide	10	RT	+	+
	conc	RT	+	+
Aniline		RT	0	-
		100	-	-
Benzene		RT	-	-
Boric Acid	10	100	+	+
Brake Fluid (Vegetable)		50	+	+
		100	+	+
Butanol		50	+	+
		100	-	0
Butyric Acid		RT		0
Calcium Hydroxide		100	+	+
Calcium Hypochlorite	15	RT	+	+
Chloric Acid	20	RT		+
Diesel Oil			-	+
Ethanol		50	+	+
Ether		RT	-	-
Formaldehyde	40	RT	+	+
	40	70		-
Glycerol (Glycerine)		100	+	+
Hexanol		RT	+	0
Hydrogen Peroxide	30	RT	+	+
	90	RT	-	-
Kerosene		70	-	-
Methanol		50	+	+
Methyl Chloride			-	-
Milk			+	+
Mineral Oil No. 1		100	-	+
Mineral Oil No. 2		100	-	0
Mineral Oil No. 3		100	-	0
Naphtha		RT	-	0
Natural Gas			-	+
Nitric Acid Diluted	10	50	0	+
Ozone	50pphm	40	-	+
Phenol		100	-	-
Phosphoric Acid	60	50	0	+
Propanol		50	+	+
Sodium Hydroxide	12	100	+	+
	25	100	+	+
Sodium Hypochlorite	10	50	0	+
Sulfur Hexafluoride				0
Sulfuric Acid	10	100	+	+
		RT	+	+
	50	100	+	+
	60	100	-	-
	75	100	-	-
	96	RT	-	-
Tolvene		RT	-	-

+ Resistant, 0 Conditionally resistant, - non-resistant