

# INDANA-FLANGE SPRAY SHIELDS

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## KEVLAR THREAD CHEMICAL RESISTANCE CHART

Fluid	Concentration percentage %	Temperature Celsius	Observation Period in Hours	Resistance
Acetic	99.7	21	24	E
Acetic	40	21	1000	G
Acetic	40	99	100	W
Acetone	100	21	24	E
Ammonium Hydroxide	28.5	21	24	E
Ammonium Hydroxide	28	21	1000	E
Amyl Alcohol	100	21	1000	E
Benzaldehyde	100	21	1000	E
Benzene	100	21	1000	E
Benzene	100	21	24	E
Benzoic	3	99	100	W
Brake Fluid	100	113	100	F
Carbon Tetrachloride	100	21	24	E
Chlorothene	100	21	24	E
Chromic	10	21	1000	W
Copper Sulfate	3	21	1000	E
Copper Sulfate	3	99	100	F
Cottonseed Oil	100	21	1000	E
Dimethylformamide	100	21	24	E
Ethyl Alcohol	100	77	100	E
Ethyl Ether	100	21	1000	E
Ferric Chloride	3	99	100	W
Formaldehyde	10	21	1000	E
Formalin	100	21	24	E
Formic	90	21	100	E
Formic	40	21	10000	F
Formic	90	99	100	N
Gasoline	100	21	1000	E
Gasoline	100	21	24	E
Hydrobromic	10	21	1000	W
Hydrochloric	37	21	24	E
Hydrochloric	10	21	100	W
Hydrochloric	10	71	10	N
Hydrofluoric	10	21	100	E
Jet Fuel	100	21	24	E
Kerosene	100	60	500	E
Lard	100	21	1000	E

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Linseed Oil	100	21	1000	E
Methyl Alcohol	100	21	1000	E
Methylene Chloride	100	21	24	E
Methylene Ketone	100	21	24	E
Mineral Oil	100	99	10	E
Nitric	1	21	100	G
Nitric	10	21	100	W
Nitric	70	21	24	W
Oxalic	10	99	100	W
Perchloroethylene	100	99	10	E
Phenol in Water	5	21	10	E
Phosphoric	10	21	100	E
Phosphoric	10	21	1000	G
Phosphoric	10	99	100	W
Potassium Hydroxide	50	21	24	E
Resorcinol	100	121	10	E
Salicylic	3	99	1000	E
Sodium Chloride	3	21	1000	E
Sodium Chloride	10	99	100	E
Sodium Chloride	10	121	100	W
Sodium Hydroxide	50	21	24	E
Sodium Hydroxide	40	21	100	E
Sodium Hydroxide	10	21	1000	W
Sodium Hydroxide	10	99	100	N
Sodium Hydroxide	10	100	10	W
Sodium Hypochlorite	0.1	21	1000	N
Sodium Phosphate	5	99	100	F
Sulfuric	10	21	1000	F
Sulfuric	10	21	100	E
Sulfuric	10	100	10	W
Sulfuric	70	21	100	F
Toluene	100	21	24	E
Trichloroethylene	100	21	24	E
Salty Water	5	21	24	E
Tap Water	100	21	24	E
Tap Water	100	100	100	E
Tap Water	100	99	100	E

E= Excellent

G=Good

F=Fair

W=Weak

N=Not Recommended

## Decomposition Shrinkage

427 -482 °C

In Water at  
100°C

<0.1