

# CHEMICAL RESISTANCE GUIDE



ENERFAB™  
LININGS GROUP

## ENERFAB™ LASTIGLAS™/MUNKADUR PL511 CHEMICAL RESISTANT COATING

	Concentration	Rating		Concentration	Rating
<b>Acids Organic</b>			<b>Solvents</b>		
Acetic	40%	NR	Formalin		R
Glaciel Acetic	100%	NR	Methanol	99%	LR
Citric	40%	R	Ethanol	99%	LR
Lactic	50%	LR	Ethanol	20%	R
Lactic	80%	LR	Isopropanol	99%	R
Oxalic	10%	R	Isopropanol	20%	R
<b>Acids Inorganic</b>			Butanol	99%	R
Hydrochloric	37%	R	Butyl Ether	99%	R
Hydrofluoric	35%	NR	Butyl Acetate	99%	R
Nitric	10%	R	Acetone		LR
Nitric	89%	NR	Methyl Ethyl Keytone		NR
Phosphoric	40%	R	Cyclohexane		R
Phosphoric	85%	LR	Ethylene Glycol		R
Sulfuric	10%	R	Glycerol		R
Sulfuric	98%	NR	Chlorofrom		LR
<b>Alkali</b>			Monochlorobenzene		R
Ammonia Hydroxide	38%	R	Trichlorethylene		LR
Ammonia Hydroxide	10%	R	Ethylene Dichloride		NR
Potassium Hydroxide	50%	R	Methylene Chloride		NR
Potassium Hydroxide	10%	R	Carbon Tetrachloride		LR
Sodium Hydroxide	50%	R	Mineral Spirits		R
Sodium Hydroxide	10%	R	Xylene		R
<b>Miscellaneous</b>			Tap Water		R
Brine		R	Distilled Water		R
Phenol		NR			
Gasoline		LR	Bleach	12%	R
Gasohol		LR	D-Limonene		R
Diesel Oil		R	Iodophor		R
Motor Oil		R	Peracetic Acid		NR
Vegetable Juice		R	Soy Bean Oil		R
Cod Liver Oil		R	Lard		R
Linseed Oil		R	Castor Oil		R
Tall Oil		R	Silicon Oil		R
Olive Oil		R	Soap Solution	10%	R
Milk		R	Skydrol 500B		LR
Corn Oil		R	Beer		R
			Wine		R
			Whiskey		LR
			Orange Juice		R

R = Resistant

LR = Limited Resistance

NR = Not resistant

### NOTES:

This table should be used as a guideline to determine the resistance properties for LASTIGLAS/Munkadur PL511 Chemical exposure results are subject to environmental changes including elevation and/or fluctuation in temperature, synergistic effects from combining chemicals all of which can vary from project to project. Coating applied by plural component heated spray @ 25 mils on 3 mil profile steel and cured for 24 hours @ 77 degrees F/50% RH  
ASTM D-1308

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