



AN ERGONARMOR COMPANY

TECHNICAL INFORMATION

CHEMICAL RESISTANCE OF CORROSION ENGINEERING MEMBRANES AND LININGS

CER-237 09/01 SUPERSEDES 04/01

CHEMICAL	MEMBRANES					LININGS				
	P E N N C O A T ®	T U F C H E M ®	F U R A L A C ®	P E N N C O A T ®	P E N N C H E M ®	P E N N C O A T ®	P E N N C O A T ®	P E N N C O A T ®	P E N N C O A T ®	P E N N C O A T ®
R = RESISTANT C = CONDITIONAL* N = NOT RESISTANT - = NOT TESTED * Contact Corrosion Engineering for specific recommendations	1 0 1	I I &  S P R A Y  G R A D E	M E M B R A N E	6 0 0	9 7	2 1 0	2 2 1	3 3 1	2 2 7	4 0 1
ACETIC ACID, 10%	R	R	R	R	C	C	C	R	C	R
ACETIC ACID, GLACIAL	C	N	R	R	N	N	N	C	N	R
ALCOHOL, BUTYL	R	R	R	R	R	R	R	R	R	R
ALCOHOL, ETHYL	R	R	R	R	R	R	R	R	R	R
ALCOHOL, ISOPROPYL	R	R	R	R	R	R	R	R	R	R
ALCOHOL, METHYL	R	R	R	R	R	C	C	R	R	R
ALUM	R	R	R	R	R	R	R	R	R	R
ALUMINUM BROMIDE	R	R	R	R	R	R	R	R	R	R
ALUMINUM NITRATE	R	R	R	R	C	R	R	R	R	R
AMMONIA, WET, 10% SOLUTION	R	R	R	C	N	C	R	R	R	R
AMMONIUM CARBONATE	R	R	R	R	R	R	R	R	R	R
AMMONIUM HYDROXIDE, 20%	R	R	R	C	N	R	R	R	R	R
AMMONIUM HYDROXIDE, 30%	R	R	R	C	N	R	R	R	R	R
AMMONIUM IODIDE	R	R	R	R	R	R	R	R	R	R
AMMONIUM SULFATE	R	R	R	R	R	R	R	R	R	R
BARIUM SULFATE	R	R	R	R	R	R	R	R	R	R
BARIUM SULFIDE	R	R	R	R	R	R	R	R	R	R
CALCIUM CHLORIDE	R	R	R	R	R	R	R	R	R	R
CALCIUM HYPOCHLORITE	C	C	N	R	N	C	R	R	R	R
CALCIUM SULFATE	R	R	R	R	R	R	R	R	C	R
CHLORINE DIOXIDE	N	N	N	C	C	N	N	R	N	R
CHLORINE GAS, DRY	N	N	R	N	N	C	C	R	C	C
CHLORINE GAS, WET	N	N	R	N	N	C	C	R	C	C
CHLORINE, WATER	R	R	R	R	N	C	C	R	C	R
CHLOROENZENE	N	N	R	R	N	C	C	R	C	R
CHROMIC ACID, to 05%	C	R	N	R	N	C	C	R	C	R
CHROMIC ACID, to 10%	N	R	N	R	N	C	C	R	C	R
CHROMIC ACID, to 20%	N	R	N	R	N	N	N	R	N	R
CHROMIC ACID, to 50%	N	N	N	C	N	N	N	N	N	C
COPPER CHLORIDE	R	R	R	R	R	R	R	R	R	R
COPPER FLOBOBORATE	R	R	R	R	R	C	C	R	C	R
CRUDE OIL, SOUR	N	N	R	R	R	R	R	R	R	R
CRUDE OIL, SWEET	N	N	R	R	R	R	R	R	R	R
CYCLOHEXANE	N	N	R	R	R	C	C	R	C	R

CHEMICAL	PC 101	TC II	Furalac Membrane	PC 600	PCM 97	PC 210	PC 221	PC 331	PC 227	PC 401
DIESEL FUEL	N	N	R	R	R	R	R	R	R	R
ETHYL ACETATE	N	N	R	R	N	C	R	R	R	R
ETHYLENE GLYCOL	R	R	R	R	R	R	R	R	R	R
FERRIC CHLORIDE	R	R	R	R	R	R	R	R	R	R
FORMALDEHYDE, to 37%	R	R	R	R	R	C	R	R	R	R
GASOLINE, REFINED (ALL)	N	N	R	R	R	C	R	R	R	R
HYDRAULIC FLUID	N	N	R	R	R	C	R	R	R	R
HYDROCHLORIC ACID, to 05%	R	R	R	R	R	C	C	R	C	R
HYDROCHLORIC ACID, to 10%	R	R	R	R	C	C	C	R	C	R
HYDROCHLORIC ACID, to 15%	R	R	R	R	C	C	C	R	C	R
HYDROCHLORIC ACID, to 32%	R	R	R	R	N	C	C	R	C	R
HYDROCHLORIC ACID, to 37%	N	N	N	C	N	C	C	C	C	R
HYDROFLUORIC ACID, to 20%	R	R	R	R	R	N	N	N	N	C
HYDROFLUORIC ACID, to 50%	R	R	R	R	C	N	N	N	N	C
HYDROFLUORIC ACID, to 70%	R	R	N	R	N	N	N	N	N	C
HYDROGEN PEROXIDE, to 05%	C	C	N	R	R	C	C	R	C	R
HYDROGEN PEROXIDE, to 25%	C	C	N	R	C	C	C	R	C	R
JET FUEL	N	N	R	R	R	R	R	R	R	R
KEROSENE	N	N	R	R	R	C	R	R	R	R
LACTIC ACID	R	R	R	R	R	R	C	R	C	R
LITHIUM ACETATE	R	R	R	R	R	R	R	R	R	R
MAGNESIUM ACETATE	R	R	R	R	R	R	R	R	R	R
NITRIC ACID, to 5%	R	R	R	R	R	C	R	R	R	R
NITRIC ACID, to 10%	C	R	R	R	C	N	R	R	R	C
NITRIC ACID, to 20%	N	R	N	R	N	N	R	R	N	C
NITRIC ACID, to 50%	N	N	N	R	N	N	N	R	N	C
OLEUM (FUMING SULFURIC ACID)	N	N	N	N	N	N	N	N	N	C
PHOSPHORIC ACID, to 85%	R	R	R	R	R	C	R	R	R	R
POTASSIUM CARBONATE, to 25%	R	R	R	R	R	R	R	R	R	R
POTASSIUM HYDROXIDE, SAT.	R	R	R	R	R	C	R	C	R	R
POTASSIUM HYDROXIDE, to 25%	R	R	R	R	R	C	R	C	R	R
POTASSIUM HYDROXIDE, to 50%	R	R	R	R	R	C	R	C	R	R
POTASSIUM SULFATE	R	R	R	R	R	R	R	R	R	R
PROPYLENE GLYCOL	R	R	R	R	R	R	R	R	R	R
SILVER NITRATE	R	R	R	R	C	R	R	R	R	R
SODIUM CARBONATE	R	R	R	R	R	R	R	R	R	R
SODIUM CHLORIDE	R	R	R	R	R	R	R	R	R	R
SODIUM HYDROXIDE, to 05%	R	R	R	R	R	C	R	R	R	R
SODIUM HYDROXIDE, to 10%	R	R	R	R	R	C	R	R	R	R
SODIUM HYDROXIDE, to 15%	R	R	R	R	R	C	R	N	R	R
SODIUM HYDROXIDE, to 25%	R	R	R	R	R	C	R	N	R	R
SODIUM HYDROXIDE, to 50%	R	R	R	R	R	C	R	N	R	R
SODIUM HYPOCHLORITE, to 5 1/4%	C	C	N	R	N	C	C	R	C	R
SODIUM HYPOCHLORITE, to 10%	C	C	N	R	N	C	C	R	C	R
SODIUM HYPOCHLORITE, to 15%	C	C	N	R	N	C	C	R	C	R
SULFUR DIOXIDE GAS, DRY	C	C	R	C	C	C	R	R	R	R
SULFUR DIOXIDE GAS, WET	N	N	R	N	N	C	R	R	R	R
SULFURIC ACID, to 25%	R	R	R	R	C	C	R	R	R	R
SULFURIC ACID, to 50%	R	R	R	R	N	C	R	R	R	R
SULFURIC ACID, to 70%	N	C	R	R	N	C	R	R	R	R
SULFURIC ACID, to 98%	N	N	N	C	N	N	R	N	R	R
TOLUENE	N	N	R	R	R	C	R	R	R	R
TRICHLOROETHYLENE	N	N	R	R	N	C	R	N	R	R
WATER, DEIONIZED	R	R	R	R	R	R	R	R	R	R
WATER, DISTILLED	R	R	R	R	R	R	R	R	R	R
WATER, SALT	R	R	R	R	R	R	R	R	R	R
XYLENE	N	N	R	R	N	C	R	R	R	R
ZINC SULFATE	R	R	R	R	R	R	R	R	R	R

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