

Fluids Compatibility Tables

COMPOUND COMPATIBILITY RATING 1 - Satisfactory 2 - Fair (usually OK for static seal) 3 - Doubtful (sometimes OK for static sea) 4 - Unsatisfactory x - Insufficient Data	Nitrile NBR	Hydrogenated Nitrile HNBR	Ethylene Propylene EPDM	Fluorocarbon FKM	Hifluor FKM	Perfluoroelastomer FFKM	Atlas (IFE/Propylene) FEPM	Styrene-Butadiene SBR	Neoprene/Chloroprene CR	Polyacrylate ACM	Polyurethane AU, EU	Butyl IIR	ButadieneBR	Isoprene IR	Natural Rubber NR	Epiclorohydrin CO, ECO	Fluorosilicone FVMQ	Silicone MQ, VMQ, PVMQ
- E -																		
Elco 28-EP lubricant	1	1	4	1	1	1	x	3	4	1	1	4	4	4	4	4	1	2
Epichlorohydrin	4	4	2	4	1	1	x	4	4	4	4	2	4	4	4	4	4	4
Epoxy Resins	x	x	1	4	4	4	x	1	x	x	x	1	x	x	x	x	x	x
Erucic Acid	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Esam-6 Fluid	x	x	1	4	4	4	x	2	1	x	x	2	x	x	x	2	4	x
Esso Fuel 208	1	1	4	1	1	1	x	2	4	1	4	4	4	4	4	3	1	4
Esso Golden Gasoline	2	2	4	1	1	1	x	4	4	4	4	4	4	4	4	4	1	4
Esso Motor Oil	1	1	4	1	1	1	x	3	4	1	4	4	4	4	4	4	1	4
Esso Transmission Fluid (Type A)	1	1	4	1	1	1	x	2	4	1	3	4	4	4	4	4	1	4
Esso WS2812 (MIL-L-7808A)	1	1	4	1	1	1	x	4	4	2	4	4	4	4	4	4	1	4
Esso XP90-EP lubricant	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	4
Estic 42, 43	1	1	4	1	1	1	x	2	4	1	2	4	4	4	4	4	1	4
Ethane	1	1	4	1	1	1	x	2	4	1	3	4	4	4	4	2	3	4
Ethanol	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Ethanol Amine	2	2	1	4	1	1	x	2	2	4	3	2	2	2	2	3	4	2
Ethers	4	4	3	3	1	1	x	4	4	3	2	4	4	4	4	4	3	4
Ethoxyethyl Acetate (EGVEEA)	3	3	1	3	2	1	x	1	1	4	4	1	1	1	1	1	1	2
Ethyl Acetate-Organic Ester	4	4	2	4	2	1	x	4	4	4	4	2	4	4	4	4	4	2
Ethyl Acetoacetate	4	4	2	4	1	1	x	4	3	4	4	2	3	3	3	4	4	2
Ethyl Acrylate	4	4	2	4	1	1	x	4	4	4	4	2	4	4	4	4	4	2
Ethyl Alcohol	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Ethyl Ammonium Dichloride	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Ethyl Benzene	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	1	4
Ethyl Benzoate	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	1	4
Ethyl Bromide	2	2	4	1	1	1	x	4	x	x	x	4	4	4	4	4	1	x
Ethyl Cellosolve	4	4	2	4	1	1	x	4	4	4	4	2	4	4	4	4	4	4
Ethyl Cellulose	2	2	2	4	1	1	x	2	2	4	2	2	2	2	2	2	4	2
Ethyl Chloride	1	1	3	1	1	1	x	4	4	3	2	4	2	1	4	4	1	4
Ethyl Chlorocarbonate	4	4	2	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4



Fluids Compatibility Tables

COMPOUND COMPATIBILITY RATING 1 - Satisfactory 2 - Fair (usually OK for static seal) 3 - Doubtful (sometimes OK for static sea) 4 - Unsatisfactory x - Insufficient Data																		
	Nitrile NBR	Hydrogenated Nitrile HNBR	Ethylene Propylene EPDM	Fluorocarbon FKM	Hifluor FKM	Perfluoroelastomer FFKM	Atlas (IFE/Propylene) FEPM	Styrene-Butadiene SBR	Neoprene/Chloroprene CR	Polyacrylate ACM	Polyurethane AU, EU	Butyl IIR	Butadiene BR	Isoprene IR	Natural Rubber NR	Epiclorohydrin CO, ECO	Fluorosilicone FVMQ	Silicone MQ, VMQ, P/MQ
Ethyl Chloroformate	4	4	2	4	1	1	x	4	4	4	4	3	4	4	4	4	4	4
Ethyl Ether	3	3	3	4	1	1	x	4	4	4	2	3	4	4	4	4	3	4
Esso Golden Gasoline	2	2	4	1	1	1	x	4	4	4	4	4	4	4	4	4	1	4
Esso Motor Oil	1	1	4	1	1	1	x	3	4	1	4	4	4	4	4	4	1	4
Esso Transmission Fluid (Type A)	1	1	4	1	1	1	x	2	4	1	3	4	4	4	4	4	1	4
Esso WS2812 (MIL-L-7808A)	1	1	4	1	1	1	x	4	4	2	4	4	4	4	4	4	1	4
Esso XP90-EP lubricant	1	1	4	1	1	1	x	2	4	1	1	4	4	4	4	2	1	4
Estic 42, 43	1	1	4	1	1	1	x	2	4	1	2	4	4	4	4	4	1	4
Ethane	1	1	4	1	1	1	x	2	4	1	3	4	4	4	4	2	3	4
Ethanol	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Ethanol Amine	2	2	1	4	1	1	x	2	2	4	3	2	2	2	2	3	4	2
Ethers	4	4	3	3	1	1	x	4	4	3	2	4	4	4	4	4	3	4
Ethoxyethyl Acetate (EGMEEA)	3	3	1	3	2	1	x	1	1	4	4	1	1	1	1	1	1	2
Ethyl Acetate-Organic Ester	4	4	2	4	2	1	x	4	4	4	4	2	4	4	4	4	4	2
Ethyl Acetoacetate	4	4	2	4	1	1	x	4	3	4	4	2	3	3	3	4	4	2
Ethyl Acrylate	4	4	2	4	1	1	x	4	4	4	4	2	4	4	4	4	4	2
Ethyl Alcohol	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Ethyl Ammonium Dichloride	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Ethyl Benzene	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	1	4
Ethyl Benzoate	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	1	4
Ethyl Bromide	2	2	4	1	1	1	x	4	x	x	x	4	4	4	4	4	1	x
Ethyl Cellosolve	4	4	2	4	1	1	x	4	4	4	4	2	4	4	4	4	4	4
Ethyl Cellulose	2	2	2	4	1	1	x	2	2	4	2	2	2	2	2	2	4	2
Ethyl Chloride	1	1	3	1	1	1	x	4	4	3	2	4	2	1	4	4	1	4
Ethyl Chlorocarbonate	4	4	2	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Ethyl Chloroformate	4	4	2	4	1	1	x	4	4	4	4	3	4	4	4	4	4	4
Ethyl Ether	3	3	3	4	1	1	x	4	4	4	2	3	4	4	4	4	3	4
Ethyl Formate	4	4	2	1	1	1	x	2	4	x	x	2	4	4	4	2	1	x
Ethyl Hexanol	1	1	1	1	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Ethyl Lactate	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2



Fluids Compatibility Tables

COMPOUND COMPATIBILITY RATING 1 - Satisfactory 2 - Fair (usually OK for static seal) 3 - Doubtful (sometimes OK for static seal) 4 - Unsatisfactory x - Insufficient Data	COMPOUND COMPATIBILITY RATING																	
	Nitrile NBR	Hydrogenated Nitrile HNBR	Ethylene Propylene EPDM	Fluorocarbon FKM	H/Fuor FKM	Perfluoroelastomer FFKM	Aflas (IFE/Propylene) FFKM	Styrene-Butadiene SBR	Neoprene/Chloroprene CR	Polyacrylate ACM	Polyurethane AU, EU	Butyl IIR	Butadiene BR	Isoprene IR	Natural Rubber NR	Epiclorohydrin CO, ECO	Fluorosilicone FVMQ	Silicone MQ, VMQ, P/MQ
Ethyl Mercaptan	4	4	x	2	1	1	x	3	4	x	x	4	4	4	4	3	x	3
Ethyl Nitrite	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Ethyl Oxalate	4	4	1	2	1	1	x	4	4	4	x	4	4	1	4	4	2	4
Ethyl Pentachlorobenzene	4	4	4	1	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Ethyl Pyridine	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Ethyl Silicate	1	1	1	1	1	1	x	1	2	x	x	1	2	2	2	2	1	x
Ethyl Stearate	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Ethyl Sulfate	x	x	1	4	1	1	1	x	x	x	x	x	x	x	x	x	x	x
Ethyl Tertiary Butyl Ether	x	x	x	x	2	1	x	x	x	x	x	x	x	x	x	x	x	x
Ethyl Valerate	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Ethylacrylic Acid	4	4	2	x	x	x	x	2	4	4	4	2	4	4	4	4	4	4
Ethylamine	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2
Ethylcyclopentane	1	1	4	1	1	1	x	3	4	2	1	4	4	4	4	4	1	4
Ethylene	3	2	4	2	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Ethylene Chloride	4	4	4	2	1	1	x	4	4	4	4	4	4	4	4	4	2	4
Ethylene Chlorophydrin	4	4	2	1	1	1	x	2	2	4	4	2	2	2	2	2	2	3
Ethylene Cyanohydrin	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Ethylene Diamine	1	1	1	4	2	2	x	1	2	4	4	1	2	1	1	2	4	1
Ethylene Dibromide	4	4	3	1	1	1	x	4	4	4	4	3	4	4	4	4	3	4
Ethylene Dichloride	4	4	3	1	1	1	x	4	4	4	4	3	4	4	4	4	3	4
Ethylene Glycol	1	1	1	1	1	1	x	1	1	4	2	1	1	1	1	1	1	1
Ethylene Hydrochloride	4	4	3	1	1	1	x	4	4	4	4	3	4	4	4	4	3	4
Ethylene Oxide	4	4	3	4	1	1	x	4	4	4	4	3	4	4	4	4	4	4
Ethylene Oxide, (12%) and Freon 12 (80%)	3	3	2	4	4	4	x	4	4	4	4	2	4	4	4	4	4	4
Ethylene Trichloride	4	4	3	1	1	1	x	4	4	4	4	3	4	4	4	4	3	4
Ethyleneimine	x	x	x	x	1	1	x	x	x	x	x	x	x	x	x	x	x	x
Ethylmorpholene Stannous Octotate (50/50 Mixture)	4	4	2	4	4	4	x	x	4	x	x	2	x	x	x	x	x	x
Ethylmorpholine	2	2	4	1	1	1	x	4	4	4	3	4	4	4	4	4	2	x
Ethylsulfuric Acid	3	3	1	3	1	1	x	1	1	4	4	1	1	1	1	1	1	2

