

Chemical Rating Chart: Organic Substances

SERIES:		BFX, HD, HDT, ON, OD, CT, SMECY, MXDCY-BK	AHV, HO, HR, HRP, HDXCY-CPE, MLG2, MLCON-G2, P	PR-(NSHTOU), PRVS	CW, MST, BGL	SIHF, SICY	CP, CCEPR, CCP, EP, PS, PRRT	FDXCY, FT, FTM, ICLV, KSXCX, MCPSWA, MCXSWA, MC, MCX, MCN, MCHSWA, MST, MTS, MTSV, PF, TC, VC, CTCY, CFX, GLT, CTP, F-PVC, HC, HCSF, JC, JFCY, JFOB, JHCY, JT, JTCY, MTR	CTP-H, JFCY-H	AR, P-2S	SOU, MSMA	TW-T, MDXCY-CL (CLEAR)
SUBSTANCE: ORGANIC CHEMICALS	Temp up to °C	SER 105 (CHEMTUFF)	CPE	PCP	V-90HT	SILICONE	PUR	SPVC	SER-HF	TPE	SHF	TRANSPARENT PVC
ACETIC ACID	-	F	F	F	P	F	P	P	G	F	G	P
ACETON	20	P	F	F	P	P	P	P	G	F	G	P
ANILINE	50	P	P	P	F	G	P	F	E	P	VG	F
BENZENE	50	P	P	P	F	P	F	F	F	F	P	F
BUTANE	20	G	G	E	F	P	F	F	VG	E	F	F
BUTTER	50	VG	G	G	-	G	E	-	E	E	VG	-
CARBON TETRACHLORIDE	20	P	P	P	P	P	P	P	F	P	F	P
CHLOROBENZE	30	P	P	P	-	P	P	-	F	F	F	-
CITRIC ACID	-	VG	E	E	G	E	E	G	E	E	E	G
DIESEL OIL	-	VG	G	G	G	P	F	VG	E	VG	VG	VG
DIETHYL ETHER	20	F	P	P	P	P	G	P	E	P	VG	P
ETHYL ALCOHOL	20	F	E	E	F	P	P	F	E	E	G	F
ETHYL CHLORIDE	50	P	P	F	P	P	G	P	VG	F	F	P
ETHYLENE GLYCOL	100	E	E	E	E	E	G	E	E	E	F	E
FORMIC ACID	20	E	E	E	E	G	F	E	G	E	E	E
FREON	20	G	G	P	G	P	P	G	E	F	VG	G
GLACIAL ACETIC ACID	50	F	F	P	-	G	-	-	G	P	G	-
GLYCERIN	50	E	E	E	E	P	E	E	E	E	VG	E
HYDRAULIC OIL (PETRO)	20	E	VG	VG	VG	G	E	VG	G	E	G	VG
HYDRAULIC OIL (SYNTHETIC)	20	E	VG	VG	VG	G	E	VG	G	G	F	VG
ISOPROPYL ALCOHOL	20	VG	E	G	VG	E	F	E	E	E	G	E
KEROSENE	20	E	G	E	VG	P	E	E	G	E	G	E
LACTIC ACID	-	E	E	E	G	E	G	G	E	E	E	G
METHANOL	20	VG	E	E	G	VG	F	VG	VG	E	G	VG
METHYLEN CHORIDE	20	P	P	P	P	P	P	P	F	F	P	P
MINERAL OIL	-	VG	G	G	VG	F	E	VG	G	E	F	VG
MOTOR OIL	120	VG	-	G	G	-	G	G	G	-	G	G
OLIVE OIL	50	F	G	G	F	P	E	F	G	P	G	F
OXALIC ACID	20	P	G	G	-	G	G	-	VG	F	G	-
GASOLINE (UNLEADED)	20	E	E	VG	G	P	F	G	G	F	G	G
GASOLINE (LEADED)	20	E	VG	VG	VG	P	F	VG	G	F	G	VG
PICRIC ACID	-	F	G	E	P	P	G	P	E	G	VG	P
TARTARIC ACID, WAT	-	E	E	E	E	E	E	E	E	E	E	E
TOLUENE	-	P	P	P	P	P	P	P	P	F	P	P
TRICHLOROETHYLENE	20	P	P	P	P	P	P	P	P	P	P	P
VEGETABLE FATS & OILS	-	VG	VG	VG	VG	VG	E	VG	G	VG	G	VG
TRANSFORMER OIL	100	VG	G	VG	G	G	E	VG	VG	VG	G	VG
POLYSTYRENE	-	P	VG	G	P	G	VG	P	G	G	G	P

RATINGS - CHEMICAL BEHAVIOR: E = EXCELLENT | VG = VERY GOOD | G = GOOD | F = FAIR | P = POOR | WAT = WATER LIQUID | - = NO DATA

WARNING This information is the result of many years of experience and has been compiled to the best of our knowledge. It is to be used ONLY as a guide in selecting equipment for appropriate chemical compatibility. Before permanent installation, test the equipment with the chemicals and under the specific conditions of your application.

DANGER Variations in chemical behavior during handling due to factors such as temperature, pressure, and concentration can cause equipment to fail, even though it passed an initial test.

SERIOUS INJURY MAY RESULT use suitable guards and/or personal protection when handling chemicals.

WASTE WATER When installing cables in waste water it is important to inspect the cables on a regular basis. Due to the variable nature and composition of waste water the cables and equipment should be easily accessible for inspection.

When aggressive and corrosive water is present the cables should be tested under the specific conditions.

Firstflex has taken every precaution to ensure accurate information in this catalogue, but accept no liability for any errors or omissions. Firstflex reserves the right to modify specifications at any time.