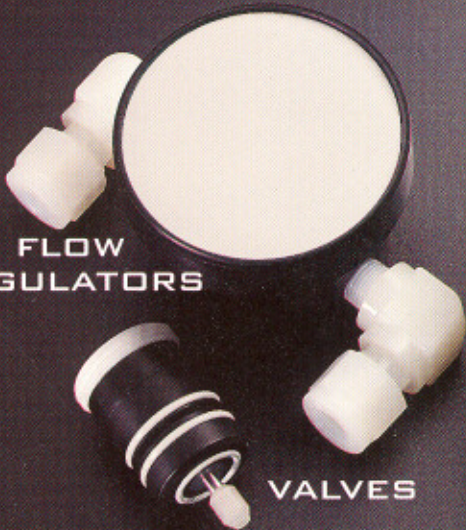


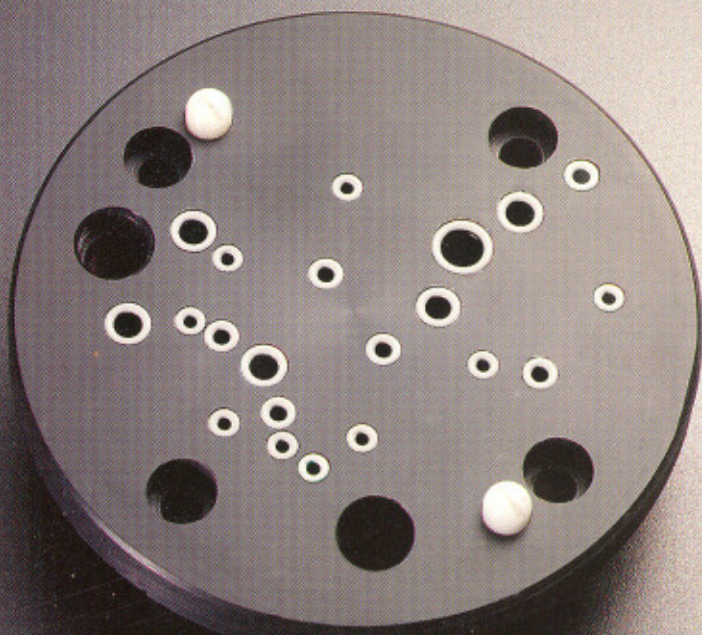
TEKREZ® II

HIGH PERFORMANCE ENGINEERED SEALS
ELASTOMERIC PTFE



FLOW
REGULATORS

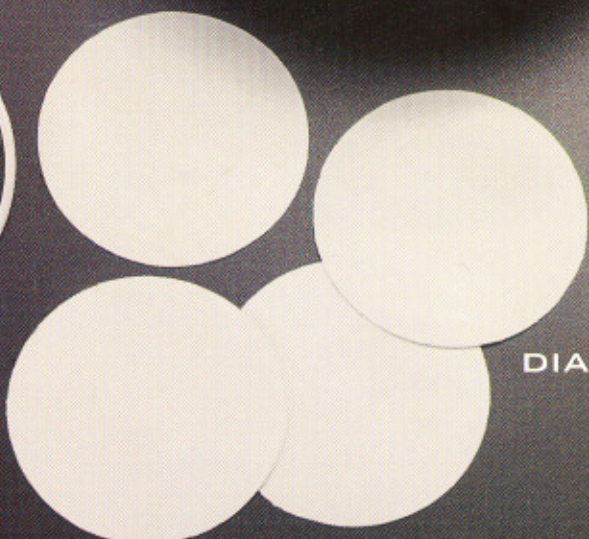
VALVES



MANIFOLDS



O-RINGS



DIAPHRAGMS

TEKREZ® II IS A HIGH PERFORMANCE ENGINEERED PERFLUOROELASTOMER. ITS VERY HIGH FLUORINE CONTENT AND EXCELLENT CHEMICAL RESISTANCE MAKE IT IDEAL FOR AGGRESSIVE CHEMICAL ENVIRONMENTS. TYPICAL APPLICATIONS FOR TEKREZ® II ARE O-RINGS, SEALS, DIAPHRAGMS, AND OTHER PARTS USED IN PROCESS INDUSTRIES.



Electrostatic Finishing Components & Systems
For information, call (800) 365-5897 • www.efcusa.com

TEKREZ® II

HIGH PERFORMANCE ENGINEERED SEALS ELASTOMERIC PTFE.

TEKREZ® IS AVAILABLE IN MOST O-RING SIZES, AND MOST STANDARDS INCLUDING AS-568A, ISO AND JIS METRIC SIZES. CUSTOM O-RINGS AND OTHER SHARES, INCLUDING DIAPHRAGMS, VALVE SEATS, AND TUBING, ARE ALSO AVAILABLE. TEKREZ® IS COMPATIBLE IN MOST CHEMICAL ENVIRONMENTS AS A REPLACEMENT TO KALREZ®, ZALAK®, AND CHEMRAZ®.

ALL STATEMENTS, INFORMATION, AND DATA REPRESENTED HEREIN ARE BELIEVED TO BE ACCURATE AND RELIABLE BUT ARE PRESENTED WITHOUT WARRANTY, GUARANTEE, OR RESPONSIBILITY OF ANY KIND, EXPRESSED OR IMPLIED. EXEMPTIONS OR RESTRICTIONS REGARDING POSSIBLE USE OF OUR PRODUCTS ARE MADE WITHOUT REPRESENTATION OR WARRANTY THAT OUR PRODUCTS ARE IN FREE OF PATENT INFRINGEMENT, AND WE ARE NOT INTENDING TO INFRINGE IN ANY PATENT. THE USER SHOULD NOT ASSUME THAT ALL PATENT NUMBERS ARE INDICATED OR THAT OTHER NUMBERS MAY NOT BE REQUIRED. TEKREZ IS A REGISTERED TRADEMARK OF EFC SYSTEMS, INC.

PROPERTIES

COMPOUND NO.	UNITS	100PT.
TYPICAL PHYSICAL PROPERTIES		
SPECIFIC GRAVITY	G/CM3	2.15
TENSILE STRENGTH	PSI.	2,700
HARDNESS, SHORE A	POINTS	78
ULTIMATE ELONGATION	%	220
100% MODULUS	PSI.	780
TR-10	°F	-5
TR-30	°F	+1
TR-50	°F	+4
TR-70	°F	+7
ESTIMATED SERVICE TEMPERATURE		
LOW TEMPERATURE LIMIT	°F	-20
HIGH TEMPERATURE LIMIT	°F	450
COMPRESSION SET (ASTM395 METHOD B)		
70 HRS @ 73°F	%	10
70 HRS @ 392°F	%	12.3

CHEMICAL COMPATIBILITY OF:

AROMATICS	BENZENE, XYLENE, STYRENE, TOLUENE, ETC.
ALCOHOLS	ETHYLENE GLYCOL, PHENOL, METHANOL, ETC.
ALDEHYDES	FURFURAL, FORMALDEHYDE, BUTYRALDEHYDE, ETC.
KETONES	ACETONE, METHYL ETHYL KETONE (MEK), METHYL ISOBUTYL KETONE, (MIBK), ETC.
SOLVENTS	METHYLENE CHLORIDE, DIMETHYL FORMAMIDE, N-METHYL, PYRROLIDONE (NMP), ETC.
INORGANIC ACIDS	SULFURIC, NITRIC, HYDROCHLORIC, ETC.
ORGANIC ACIDS	ACETIC, ADIPIC, FORMIC, ETC.
INORGANIC BASES	SODIUM HYDROXIDE, AMMONIA, ETC.
ORGANIC BASES	ETHYLENE DIAMINE, DIETHANOLAMINE, ETC.
ETHERS	TETRAHYDROFURAN, DIMETHYL ETHER, DIOXANE, ETC.
ESTERS	VINYL ACETATE, BUTYL ACETATE, ETC.
ORGANIC	DIMETHYL TEREPHTHALATE, ETHYLENE DICHLORIDE, ADIPONITRILE, ETC.
INTERMEDIATES	

NOTE: KALREZ® AND ZALAK® ARE REGISTERED TRADEMARKS OF DUPONT. CHEMRAZ® IS A REGISTERED TRADEMARK OF GREENE TWEED.

Electrostatic Finishing Components & Systems
(800) 365-5897 ■ www.efcusa.com ■ Fax: (410) 939-7160
1325 Post Road ■ Havre de Grace, MD 21078