

# Packing & O-Ring Comparison Chart

P = Poor F = Fair G = Good E = Excellent

Property	Teflon®	Viton® Fluorel®	Kalrez® <sup>1</sup>	Flourosilicone <sup>2</sup>	Buna-N <sup>3</sup>	Buna-N HP <sup>3</sup>	Alfas®	Viton® Extreme	SDP
Abrasion Resistance	F	G	G	P	G	G	F	F	G
Acid Resistance	E	E	E	FG	F	F	E	E	E
Base Resistance	E	P	G	G	FG	FG	E	E	E
Oil & Fuel Resistance	E	E	E	G	E	E	G	G	E
Ozone Resistance	E	E	E	E	P	P	E	E	E
Aromatic Solvents	E	E	E	G	G	G	G	G	E
Water / Steam	E	FG	G	F	FG	FG	E	E	G
Weather Resistance	E	E	E	E	F	F	E	E	E
Flame Resistance	E	E	E	G	P	P	G	G	F
Electrical	E	F	F	E	F	F	G	G	G
Compression Set	P	GE	GE	GE	GE	GE	F	F	GE
Gas Impermeability	E	G	G	P	G	G	G	G	G
Maximum Pressure (psi)	3000	5000	5000	5000	3000	10000	3000	10000	10000
High Temperature (°F)	450	400	450	450	250	250	450	450	450
Low Temperature (°F)	-80	-20	-20	-80	-40	-40	0	0	-30
Resilience	E	F	F	G	FG	FG	P	P	FG
Tear Strength	E	F	F	P	FG	FG	G	G	F

<sup>1</sup> Maximum pressure is application dependent. Consult factory for more information

<sup>2</sup> Contains Teflon®

<sup>3</sup> Maximum pressure is application dependent. Solar pumps have a maximum pressure of 5000 psi. Consult factory for more information

Data is presented for use only as a general guide and should not be the basis for design decisions.

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AFLAS® is a registered trademark of the Asahi Glass Co., Ltd

## Dresser, Inc.

16240 Port Northwest Drive

Houston, Texas 77041-2645

IPh: 832.590.2306 Fax: 713.849.2879

Toll Free Phone: 800.945.9898

Email: txtpumps@dresser.com

