

ST11/2-A & ST40-A



MATERIALS	Operating Temperatures		
	Maximum*	Minimum*	Optimum**
IEOPRENE All purpose. Resistant to vegetable oils. Generally not affected by moderate hemicals, fats, greases and many oils and solvents. Generally attacked by strong oxidizing acids, etones, esters, nitro hydrocarbons and chlorinated aromatic hydrocarbons.	170°F <i>77°C</i>	-35°F <i>-37°C</i>	50°F to 130° 10°C to 54°0
PTFE Chemically inert, virtually impervious. Very few chemicals are known to chemically react vith PTFE: molten alkali metals, turbulent liquid or gaseous fluorine and a few fluoro-chemicals uch as chlorine trifluoride or oxygen difluoride which readily liberate free fluorine at elevated emperatures.	212°F+ 100°C+	-35°F <i>-37°C</i>	50°F to 212°F 10°C to 100°C
/ITON [®] Shows good resistance to a wide range of oils and solvents; especially all aliphatic, romatic and halogenated hydrocarbons, acids, animal and vegetable oils. Hot water or hot rqueous solutions (over 70°F) will attack Viton [®] .	212°F+ 100°C+	+32°F <i>0°C</i>	75°F to 212° 24°C to 100°
PDM Shows very good water and chemical resistance. Has poor resistance to oil and solvents, but is fair in ketones and alcohols.	212°F+ 100°C+	-10°F <i>-23°C</i>	50°F to 212° 10°C to 100°
VR-S Warren Rupp alloy Type 316 Stainless Steel equal to or exceeding ASTM specification A743 CF- hromium nickel, and nickel based alloy castings for general applications. Commonly referred to as 316			
or specific applications, always consult the Warren Rupp Chemical Resistance Chart.	*Definite reduction in service life. **Minimal reduction in service life at ends of range.		
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