

# Style 165 Plus-Temp™ Gasket Selection Guide



For Style 165 PLUS-TEMP™ Couplings & Fittings (also Style 65 Couplings & Fittings)

LINE CONTENT OR SERVICE	COUPLING OR FITTING			LINE CONTENT OR SERVICE	COUPLING OR FITTING		
	Style 165 Plain Gasket Gr. 169 350° F Max. 150 PSI*	Style 65 Armored® Gasket Gr. 27 150° F Max. 150 PSI	Style 65 Plain Gasket Gr. 42 150° F Max. 150 PSI		Style 165 Plain Gasket Gr. 169 350° F Max. 150 PSI*	Style 65 Armored® Gasket Gr. 27 150° F Max. 150 PSI	Style 65 Plain Gasket Gr. 42 150° F Max. 150 PSI
Acetone	x			Hydraulic Fluid (Phosphate Ester Type)	x		
Actyl Acetone		x	x	Hydraulic Oil (Petroleum Base)			x
Acetylene	x			Hydrolube-Water / Ethylene Glycol		x	x
Acetylene Tetrabromide	x			Hydrogen Gas (Cold or Hot)	x		x
Air (to 350° F)	x			Hydrogen Sulphide (Dry, Cold)	x	x	
Ammonia Gas (Room Temperature)	x	x	x	Hydrogen Sulphide (Dry, Hot)	x		
Ammonia, Liquid	x			Iso Octane			x
Ammonium Carbonate	x			Isophorone (Ketone)	x		
Ammonium Hydroxide	x			Isopropanol	x		
Ammonium Nitrate	x	x	x	Isopropyl Alcohol	x		
Ammonium Phosphate	x	x	x	JP3, 4, 5 (MIL-J 5624)			x
Ammonium Phosphate Tribasic	x	x	x	JP6 (MIL-J-25656) and X (MIL-F-25604)			x
Ammonium Sulfate	x		x	Kerosene (Similar to RP-1 and JP-1)			x
Animal Oil (Lard Oil)			x	Lard (Animal Fat)			x
ASTM Oils No. 1, 2 & 3			x	Light Grease			x
ASTM Reference Fuels A & B			x	Light Process Oil			x
Automatic Transmission Fluid			x	Lime Bleach	x	x	x
Beer	x	x	x	Lime Sulphur	x		
Beet Sugar Liquors	x	x	x	Linseed Oil	x		x
Benzine			x	Liquid Oxygen	x		
Borax	x			Lube Oils and Greases (Petroleum Base)			x
Brake Fluid (Automotive)	x	x		Magnesium Hydroxide	x		
Brake Fluid (Non-Petroleum)		x		Magnesium Sulphite	x		x
Bunker Oil			x	Magnesium Sulphate	x		x
Butadiene (Monomer)	x			Mercury	x	x	x
Butane: Butane 2,2-Dimethyl			x	Methyl Alcohol, Methyl Ether	x	x	x
Butane 2,3-Dimethyl			x	Methyl Butyl & Methyl Ketones	x		
Butanol (Butyl Alcohol)		x	x	Mineral Oils			x
1 Butene, 2 Ethyl			x	Natural Gas		x	
Butter Animal Fat			x	Neatsfoot Oil			x
Butyl Acetyl Ricinoleate	x			Nitrogen	x	x	
Butyl Alcohol		x	x	Olive Oil			x
Butyl Carbitol	x			Oxygen (Cold)	x		
N-Butyl Butyrate	x			Palmitic Acid			x
Calcium Hydroxide	x	x	x	Peanut Oil			x
Calcium Hypochlorite	x			Pentane, 2 Methyl			x
Cane Sugar Liquors	x	x	x	Pentane, 2-4 Dimethyl			x
Carbon Monoxide	x			Pentane, 3 Methyl			x
Castor Oil		x	x	Perchloro Ethylene			x
Cetane (Hexadecane)			x	Petrolatum			x
China Wood Oil (Tung Oil)			x	Petroleum Oil (Crude)			x
Coconut Oil	x		x	Phorone	x		
Cod Liver Oil	x		x	Pine Oil			x
Corn Oil			x	N-Propyl Acetone	x		
Cottonseed Oil			x	Propyl Alcohol	x	x	x
Creosote, Coal Tar or Wood			x	Pyranol, Transformer Oil			x
Cutting Oil			x	Rapeseed Oil	x		
Decane			x	Silicone Greases and Oils	x	x	x
Denatured Alcohol	x	x	x	Soap Solutions	x	x	x
Detergent, Water Solution	x		x	Sodium Borate; Sodium Carbonate	x	x	x
Diacetone and Diacetone Alcohol	x			Sodium Cyanide; Sodium Silicate	x	x	x
Diesel Oil			x	Sodium Hydroxide, 50%	x	x	
Diethylene Glycol	x	x	x	Sodium Nitrate	x		
Diisopropyl Ketone	x			Steam, Below 350° F*	x		
Ethyl Alcohol	x	x	x	Stoddard Solvent			x
Ethyl Chloride	x		x	Sulphur; Sulphur Dioxide, Wet	x		
Ethylene Glycol	x	x	x	Sulphur Hexafluoride	x		
Ethyl Hexanol	x	x	x	Sucrose Solutions	x		x
Feat Brake Fluid-Hydraulic		x		Transformer Oil			x
Freon 12		x	x	Triacetin	x		
Freon 12 and ASTM Oil No. 2, 50/50 mix		x	x	Tributoxyethylene Phosphate	x		
Freon 13, 13B1, 14	x	x	x	Tricresyl Phosphate	x		
Freon 32	x	x	x	Trioctyl Phosphate	x		
Freon 114, 115	x	x	x	Tripoly Phosphate	x		
Freon K152A, K152B, C318	x	x	x	TriAryl Phosphate	x		
Freon 22	x	x		Tung Oil (China Wood Oil)			x
Freon 31	x			Turbine Oil			x
Freon 113, Also TF			x	Turpentine			x
Fuel Oil			x	Type I Fuel (ASTM Ref. Fuel A)			x
Gasoline			x	Type III Fuel (ASTM Ref. Fuel B)			x
Glucose	x	x	x	Vacuum	x		
Glue	x	x	x	Vegetable Oils	x		x
Glycerine-Glycerol	x	x	x	Water	x	x	x
Glycols	x	x	x	Whiskey and Wines	x	x	x
Green Sulfate Liquor	x			Wood Oil			x
Helium	x	x	x				
N-Hexane			x				
Hydraulic Fluid (Most Manufacturers)			x				

\*Saturated Steam, 125 psi Maximum at 350° F. Restraining rings are available for use where excessive pipe movement is to be expected. Also, silicone gaskets, special body materials, etc., may be furnished. Price is dependent upon quantity and application.

The above chart should be considered as a guide only in selecting the most suitable materials for a specific application. Consideration of specific application requirements and, in many cases, actual tests under service conditions may be necessary to arrive at the most suitable materials for a particular purpose.

**These pressure ratings represent the sealing capability of the products involved.**

**⚠ WARNING**

Selection of the proper materials and product style **MUST** be made by a qualified person. Improper materials could result in leaking line content and could cause property damage, serious injury or death.