Specification Rubber Products, Inc.

COMMON USES: GASKETS FOR DUCTILE IRON PIPE, VALVES, AND FITTINGS

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Maximum Temperature Ratings

Common Name or Trade Name[1]	Chemical Name	Common Uses	Water & Sewage *Push-On, MJ, Toruseal®*	Air[2] *Push-On*	Air[2 3] *MJ,Toruseal®*
SBR	Styrene Butadiene Copolymer	Fresh Water, Salt Water, Storm Water, and Sanitary Sewage.	150 F	150 F	125 F
EPDM	Ethylene Propylene Diene Monomer	Fresh Water, Salt Water, Storm Water, Sanitary Sewage, Vegetable Oil, Elevated Temperatures, Dilute Acids, Dilute Alkalis, Ketones (MEK, Acetone), and Alcohol.	212 F	200 F	150 F
Neoprene	Polychloroprene	Fresh Water, Salt Water, Storm Water, Sanitary Sewage, and Greasy Waste.	200 F	180 F	150 F
NBR, Nitrile, Buna-N	Acrylonitrile Butadiene	Fresh Water, Salt Water, Storm Water, Sanitary Sewage, Refined Petroleum Oils & Fluids, Fats, and Greases. *Nitrile is resistant to deterioration, but it is not impermeable to low molecular weight petroleum products & FKM should be considered as an alternate in some cases.*	150 F	150 F	125 F
FKM, Viton®[4], Fluoro-V	Fluoroelastomer	Fresh Water, Salt Water, Storm Water, Sanitary Sewage, Most Chemicals & Solvents, Aromatic Hydrocarbons & Fuels, Chlorinated Hydrocarbons, High Temperatures. *Due to its excellent permeation resistance, FKM is normally specified for potable water lines in areas saturated with low molecular weight Petroleum products[5].*	212 F	300 F	300 F

1.) Specification Rubber Products reserves the right to furnish any trade or brand rubber for the chemical formulation specified.

2.) Lubricating oil in the air can adversely affect SBR and EPDM performance.

3.) SBR, Nitrile, and Neoprene are not recommended for hot air exposure in wastewater treatment systems. Temperatures above the recommended maximums can be tolerated for short periods without immediate deterioration. However, the life expectancy will be shortened as the time at elevated temperatures increases.

4.) Viton® is a registered trademark of DuPont Dow Elastomers.

5.) Due to its excellent permeation resistance, FKM is normally specified for potable water lines in areas saturated with low molecular weight petroleum products.

Since so many application variables are outside our control or knowledge, we cannot offer any specific life expectancy for gaskets.

The information on this sheet is provided for informational purposes only and to clarify certain information concerning Specification Rubber Products. Nothing provided in this sheet shall be considered a representation of warranty by Specification Rubber Products or a modification of any of the terms and conditions of sale agreed to between Specification Rubber Products and its customers.

SBR, EPDM, Nitrile, and FKM polymers are all NSF-61-certified.

All gaskets manufactured by Specification Rubber Products meet the requirements of ANSI/AWWA C111/A21.11.