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GASKET CERTIFICATION of COMPLIANCE

This letter is to certify in writing that the gaskets used in GPK Products, Inc. Injection molded, fabricated sewer and drainage fittings are general purpose elastomeric seals. The gaskets meet or exceed the applicable physical property specifications in
ASTM F 477 and ASTM D 2321

SBR gasket material operating temps of -30 to 175 degree Fahrenheit.
PVC material max temp is 140 degrees Fahrenheit not consistent.

Gasket Types
SBR – Styrene Butadiene rubber. (Injection Molded Fittings)
IR – Isoprene synthetic rubber. (Fabricated Fittings)
NBR – Nitrile-Butadiene rubber (Oil Resistant Special Order)
EPDM – Ethylene Propylene. (GPK Rigid PVC Saddles)

The following applicable documents of ASTM standards apply:

F 477	Specification for Elastomeric Seals (Gaskets) for Low Head Applications
D 2321	Specification for Joints for Drain and Sewer Pipes Using Gaskets

General Properties and Chemical Resistance Guide:

Common Name	SBR-Styrene Butadiene Rubber	IR-Isoprene Synthetic Rubber	NBR- Nitrile-Butadiene Rubber	EPDM-Eythylene Propylene
General Properties	Excellent abrasion and adhesion. Excellent resistance to water and low water absorption. Excellent elongation.	Excellent adhesion. Fair-Good abrasion. Excellent low temperature resistance. Poor resistance to petroleum based fluids.	Good-Excellent abrasion. Excellent adhesion. Excellent resistance to petroleum based fluids.	Good-Excellent abrasion. Excellent adhesion. Excellent ozone, chemical and aging resistance. Poor resistance to petroleum based fluids.
Generally Resistant to	Most moderate chemicals, wet or dry organic acids, alcohols, keytones, aldehydes.	Most moderate chemicals, wet or dry organic acids, alcohols, keytones, aldehydes.	Many hydrocarbons, fats, oils, greases, hydraulic fluids, chemicals.	Animal and vegetable oils, ozone, strong and oxidizing chemicals.
Generally Attacked by	Many solvents, oils and concentrated acids.	Ozone, strong acids, fats, oils, greases, most hydrocarbons	Ozone, (except PVC blends) ketones, esters, aldehydes, chlorinated and nitro hydrocarbons.	Mineral oils and solvents, aromatic hydrocarbons.