

Gasket Product Submittal

VITON* GASKETS - DRESSER SPEC 224

(Also referred to as Fluorocarbon)

MAX TEMPERATURE RATING: 350F

MAX PSI: 100

VITON is a higher temp gasket for elevated temperature applications up to 350F. Dresser Spec 224 defines the physical requirements for Fluorocarbon elastomer for use in Dresser bolted couplings and compression fittings.

They are resistant to hydrocarbons, aromatic hydrocarbons, alcohols, organic acids, petroleum oils, nitrogen-containing compounds, vegetable oils and greases.

SPECIFICATION: The compounded rubber of the completed gasket shall conform to the following physical properties:

TENSILE STRENGTH: Minimum 1000 PSI

ELONGATION: Minimum 150%

HARDNESS: Shore A Durometer 75 ± 5

COMPRESSION SET: 6% Maximum 30 Minutes
4% Maximum 3 Hours

Tensile strength and elongation shall be determined in accordance with ASTM Specification D412. Hardness shall be determined as specified by the ASTM Designation D2240.

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NOTE: Dresser coupled joints absorb pipe stress caused by natural forces and allow for expansion, contraction, vibration and deflection while the line is in service.

Resiliency is the property that enables the gaskets to maintain pressure against the followers that confine it while allowing flexibility not found in rigid piping connections. The absorption of pipeline stress permits each section of the pipeline to “float” in the joint ensuring a flexible piping system.

Shelf Life of rubber products is approximately five (5) years provided they are stored in a cool, dark environment, free from the aging effects of heat, ozone contact, sunlight and weathering factors - all detrimental to the physical characteristics of elastomer materials.

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DPS.SUBMITTAL.VITON.2021