Teflon Gasket

Certainly, here's a concise overview of Teflon (PTFE) gasket material specifications:

Physical Properties:

Density: Typically, around 2.15 g/cm^3.t.

Hardness (Durometer): Generally low.

Tensile Strength: Moderate.

Elongation: Relatively high.

Pressure Rating:

Low to Moderate Pressure: Suitable for low to moderate-pressure applications.

Temperature Range:

Operating Temperature: Typically, between -200°C to 260°C (-328°F to 500°F).

Short-Term Exposure: Resistant to extreme temperature variations.

Applications:

Chemical Processing: Seals and gaskets for corrosive environments.

Food and Pharmaceutical: FDA-approved for use in food and pharmaceutical applications.

Electronics: Insulating gaskets.

High Purity Applications: Due to its chemical inertness.

Compatiblity:

Compatible with: Virtually all chemicals.

Not Compatible with: Molten alkali metals, fluorine gas.

Shelf Life and Storage:

Shelf Life: Virtually unlimited when stored properly.

Storage Conditions: Cool, dry place away from direct sunlight.

- It's important to note that while PTFE is highly resistant to many chemicals, it may not provide the same level of physical strength as some other materials. Always refer to the manufacturer's data sheets for precise information on a particular PTFE gasket product.

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