Cork

Physical Properties:

Density: Typically ranges from 12 to 25 lbs./ft^3.

Compressibility: 30% to 70%.

Tensile Strength: Varies, but generally moderate.

Elongation: Typically, around 15% to 30%.

Pressure Rating:

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

Temperature Range:

Operating Temperature: Typically, between -40°C to 150°C (-40°F to 300°F).

Short-Term Exposure: May handle brief temperature spikes.

Applications:

Automotive: Engine components, oil pans.

Industrial: Flange gaskets, seals.

Electrical: Transformer gaskets.

Consumer Products: Bottle and jar closures.

Compatibility:

Compatible with: Many oils, fuels, and non-polar solvents.

Not Compatible with: Strong acids and bases.

Shelf Life and Storage:

Shelf Life: Typically, 1 to 5 years.

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

- Please note that these specifications are generalizations, and actual properties may vary based on the specific formulation of the cork material. Always refer to the manufacturer's data sheets for precise information tailored to a particular product.