ROWE EQUIPMENT, INC.

Your Trusted Source for Plastics Processing Equipment & Supplies

TECHNICAL DATA SHEET

Gaskets

High-performance sealing solutions for plastics processing equipment. Designed to withstand high temperatures, pressures, and aggressive polymer melts while maintaining reliable seals.

SPECIFICATIONS

Specification	Details
Temperature Range	-40°F to 1000°F+ depending on material
Pressure Rating	Up to 10,000+ PSI
Styles	Ring, full-face, spiral wound, metal jacketed
Thickness Range	0.015" to 0.250"
Surface Finish	Smooth, serrated, or textured
Tolerance	±0.005" on dimensions

AVAILABLE OPTIONS

Option	Description
Die-Cut Gaskets	Custom shapes from sheet material
Molded Gaskets	Complex geometries and tight tolerances
Spiral Wound	Metal and filler for extreme service
Metal Jacketed	Metal covering with soft filler
Ring Joint (RTJ)	API ring gaskets for flanges
Envelope Gaskets	PTFE envelope over filler material

MATERIALS

Material	Properties / Applications
PTFE/Teflon	Chemical resistance, -450°F to 500°F

Graphite	High temperature, -400°F to 850°F in non-oxidizing
Spiral Wound	Metal + filler for high-pressure/temperature
Metal (Soft Iron, SS)	Extreme conditions, ring-type joints
Compressed Fiber	General purpose, economical
Silicone Rubber	Food-grade, moderate temperatures

DIMENSIONS & SIZES

Size/Type	Specifications
Standard Sizes	1" to 24" pipe sizes
ANSI Flanges	150# through 2500# class
Custom Shapes	Die, adapter, and specialty shapes
Full-Face	Complete flange coverage

OEM COMPATIBILITY

Compatible with equipment from: Garlock, Flexitallic, Lamons, Klinger, Teadit, W.L. Gore

APPLICATIONS

• Die sealing • Flange connections • Adapter plates • Heat exchanger sealing • Pump sealing • Valve bonnets

INDUSTRIES SERVED

• Plastics processing • Chemical processing • Food and beverage • Pharmaceutical • Oil and gas • Power generation

ADDITIONAL NOTES

FDA-compliant materials available for food-contact applications. Custom gasket cutting services available.

Contact Rowe Equipment, Inc.

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