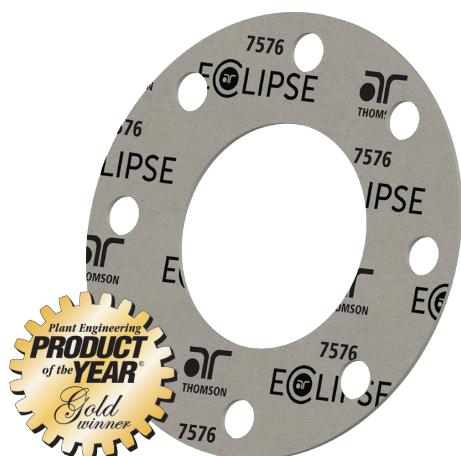


Thomson ECLIPSE® 7576



TYPICAL APPLICATIONS

- Suitable for strong caustics, sodium hydroxide, chlorine dioxide (CLO₂), solvents, and sulfur dioxide (SO₂).
- Mining (sulfuric acid leaching process and PAL - pressure acid leaching).
- Cryogenics, hydrocarbons, water, and saturated steam less than 100 psi (7 bar), 338°F (170°C).
- Pulp and Paper, Food Processing, Pharmaceutical, Chemical Processing, Brewing and Distilling, and Water Treatment.
- Non-metallic or fragile flanges and flanges with less bolt load available.

The NEXT GENERATION 'All-in-One' PTFE sheet gasket that combines universal chemical compatibility with unmatched performance and versatility.

FEATURES / BENEFITS

- Low load to seal.
- Universal chemical compatibility - one gasket for all PTFE gasket service.
- Premium, genuine filled Teflon™ ensures reliability, consistency and performance.
- Exceptional rigidity.
- Outstanding creep resistance and load retention.
- Excellent resistance to strong caustics and acids.
- Lays flat allowing for improved cutting and handling.

SPECIFICATIONS

Construction:
PTFE / Proprietary Filler

Colour:
Grey with Black branding.

Temperatures:
-450°F (-268°C)
to 500°F (260°C)

Max Pressure:
1200 psi (83 bar)

*See reverse for additional technical data.

Sheet Sizes:
Custom sheet sizes and thicknesses available upon request. Also available in larger 70" x 70" sheets.

Teflon™ is a registered trademark of Chemours™. (Chemours™ formerly Dupont)
All trademarks remain property of their respective holders and are used only to directly describe the products being provided.

TECHNICAL DATA - ECLIPSE® 7576

Physical Properties

TEST METHOD	TYPICAL PHYSICAL PROPERTIES			
ASTM F36	Compressibility: %	35		
ASTM F36	Recovery: %	26		
ASTM F38	Creep relaxation: %	11 (Based on 1/32" thickness.)		
ASTM F152	Tensile strength: psi	1100		
ASTM F586	Design factors:	1/16"	1/8"	1/4"
	"m" factor	3.0	4.3	2.0
	"y" factor: psi	1600	1900	1800

Sealing Characteristics

	ASTM F37 NITROGEN
Seal-ability: ml/h	.0038 (Based on 1/8" thickness.)

NOTES

ASTM properties based on 1/16" (1.6 mm) thickness unless otherwise noted. This is a general guide and should not be the sole means of selecting or rejecting this material. Based on ANSI RF flanges at our preferred torque - when approaching maximum pressure, continuous operating temperature, minimum temperature or 50% of maximum PxT, consult A.R. Thomson Group Inc. The data listed here falls within the normal range of product properties but should not be used to establish specification limits nor used alone as the basis of design.

AUTHORIZED DISTRIBUTOR



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