



Performance within budget.

Designed for use on: Utility grade for flanges, tanks, pipes, motors, covers, etc., for common (non-demanding) applications.

RAITECH® e:FLEX 700i is a laminated gasket made from ARA:MAX® SD fibers, aramid-based fibers, bio-soluble fibers, non-polluting and non-toxic additives, and styrene-butadiene rubber (SBR) elastomer. It is manufactured through a calendering process under strict quality controls.

It features a PK567 non-stick film for easy removal.

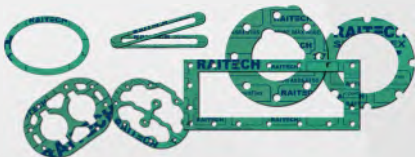
Applications:

RAITECH® e:FLEX 700i is recommended for general service applications in water, air, low pressure saturated steam (<10bar / 140psi), inert gases.

Benefits:

- Economical and multi-purpose.
- Flexible and easy to cut.
- Excellent alternative to asbestos.

Disponible como piezas cortadas:



TECHNICAL DATA

Properties:	e:FLEX® 700i Sheet
Composition:	ARA:MAX® SD Aramid Fiber + Bio-Soluble Fibers + SBR + Additives
Anti-Stick:	PK567 - Inorganic
Applicable standards:	ASTM F104
Required Flange Roughness, Ra:	1/16" = 3.2-6.3 μ 1/8" = 3.2-12.5 μ
Density:	106.13 Lb/ft ³
Temperature, Max:	703 °F
Temperature, Min:	-40 °F
Temperature, Continuous:	397 °F
Pressure, Max:	1,059 Psi
Compressibility, ASTM F36a:	7-15 %
Recovery, ASTM F36a:	>50 %
Weight Increase, ASTM F146, FUEL B:	14% %
Thickness Increase, ASTM F146, FUEL B:	12% %
Tensile Strength, ASTM F152:	1,885 Psi
Stress Relaxation, DIN 52913:	28 Mpa
Creep Relaxation, ASTM F38:	20 %
Sealability, ASTM F37:	>1.6 ml/h
Dielectric Strength, ASTM D-149:	7 Kv/mm
pH Range:	3-13
"M&Y" Values @ 1/8, ASME PVRC:	M: 3 Y: 3,500
"M&Y" Values @ 1/16, ASME PVRC:	M: 3 Y: 2,800
P x T @ 1/8, Psi x °F:	240,000 °F x Psi
P x T @ 1/16, Psi x °F:	360,000 °F x Psi
Thickness Tolerance, ASTM F104:	±10 %
Dimensional tolerance:	±5 %
Thicknesses:	1/64", 1/32", 1/16", 3/32", 1/8", 3/16" & 1/4"
Dimensions:	60" x 60" (in) 60" x 120" (in)

****The maximum temperature and pressure limits should not occur simultaneously.**

Curva PxT - eflex® 700i

Espesor: 1.6mm

