

RAITECH® RAIFLON® 2400



RAIFLON® 2400
Uni-direccional

RAIFLON® 2400 is manufactured from 100% virgin PTFE and is expanded with a unidirectional structure. It is a highly compressible material that can easily conform to almost any type of sealing surface, including damaged surfaces. It has the same chemical resistance as PTFE and can work with all types of fluids within the pH range of 0-14 (except elemental fluorine and molten alkali metals). Its purity allows it to come into contact with food.

Zero Waste and Quick Installation: The gasket is custom-made directly onto the flange, ideal for complex geometries or large diameters where a pre-cut gasket is not feasible.

Seals Damaged Surfaces: Its high compressibility acts as a natural sealant, conforming to worn, scratched, or irregular flanges to achieve a hermetic seal.

Protection of Sensitive Equipment: Requires minimal tightening force (low torque), making it completely safe for fragile PVC, CPVC, Fiberglass Reinforced Plastic (FRP), or glass-encased (enamel) connections.

Food and Pharmaceutical Grade: Its absolute purity complies with FDA regulations (CFR 177.1500 and 178.3570), guaranteeing zero contamination in food, beverage, and pharmaceutical processes.

Universal Resistance: Its chemical resistance withstands the entire pH range (0-14). (Except elemental fluorine and molten alkali metals)

Instructions:

Cut the XPT 2400 to the required length.

Peel off the adhesive tape from the back and adhere the product to one side of the hole (1).

Continue positioning the product in the center of the surface to be sealed (2).

When you reach the starting point, overlap the product to the opposite side of the initial hole, as shown in the photograph. (3)

Install and tighten the screws evenly.



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Data Sheet.

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TECHNICAL DATA

Properties:	RAIFLON® 2400 Tape
Composition:	Bi-Axial Expanded PTFE
Complies w/:	FDA 21 CFR 177.1550
Density:	53.06 Lb/ft ³
Temperature, Max:	550.4 °F
Temperature, Continuous:	-436 °F
Temperature, Min:	428 °F
Pressure, Max:	2901 Psi
Compressibility, ASTM F36a:	70-80 %
Recovery, ASTM F36a:	10-13 %
pH Range:	0-14
Width / Length / Thickness:	1/8" / 100 ft / 1.5mm 3/16" / 75 ft / 2.0mm 1/4" / 50 ft / 3.0mm 3/8" / 25 ft / 4.0mm 1/2" / 15 ft / 5.0mm 1/2" / 30 ft / 5.0mm 5/8" / 15 ft / 6.0mm 3/4" / 15 ft / 7.0mm 1" / 15 ft / 8.0mm

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

RECOMENDED SIZES

Nominal Diameter	Recomended Size	Sealing Width
1/2" – 3/4"	1/8"	1/8" a 1/4"
1" hasta 1-1/2"	3/16"	5/16" a 3/8"
2" hasta 3-1/2"	1/4"	7/16" a 5/8"
4" a 6"	3/8"	3/4" a 1"
8" a 16"	1/2"	1-1/8 a 1-1/2"
18" a 20"	5/8"	1-5/8" a 2"
24" a 36"	3/4"	2" a 2-1/2"
36" a 60"	1"	2-1/2" a 5"

Trusted Sealing Solutions.

