

# RAITECH® FLUORO:MASTER® S

PTFE FLUORO:MASTER® S  
+ Silicone based lubricant.



The most competitive multi-purpose gasket.

Diagonally braided packing (X-CROSS™) made from **FLUORO:MASTER® S** fibers based on 100% virgin sintered PTFE multifilaments, lubricated with high-quality silicone oil.

It withstands temperatures from -210°C to +260°C. It can also operate in high-speed applications up to 7 m/s thanks to its low coefficient of friction, and it has the necessary purity for use in applications where contamination is unacceptable.

**FLUORO:MASTER® S** is an ideal packing for applications in almost all types of industrial equipment such as rotary pumps, reactors, valves, mixers, agitators, etc.

Its high flexibility and adaptability allow it to conform uniformly to irregular surfaces, frequently found on damaged shafts. Non-contaminating: Because **FLUORO:MASTER® S** is virgin and white, it does not stain or contaminate the pumped medium, making it ideal for finished products.

**Low friction:** The silicone lubricant reduces friction during start-up and operation, minimizing shaft wear and reducing energy consumption.

**High chemical resistance (pH 0-14):** Inert to almost all commercial chemicals.

**Dimensional stability:** Does not harden, shrink, or swell significantly in service.

\*Note: Not for use in applications involving oxygen, chromic acid, food, elemental fluorine, or fuming sulfuric acid.

**FOR FOOD APPLICATIONS, USE MODEL FLUORO:MASTER® FG.**

#### Common Fluids:

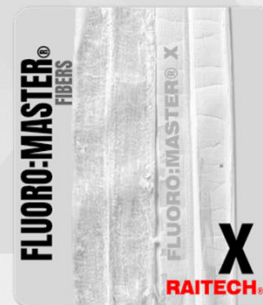
- Gases.
- Condensates.
- Hydrocarbons.
- Solvents.
- Alcohols.
- Ketones.
- Aromatics.
- Chlorinates.
- Esters and Ethers.
- Caustic Soda.
- Potassium Hydroxide.
- Ammonia.
- Sulfuric Acid.
- Hydrochloric Acid.
- Acetic Acid.

#### Common equipment:

- Centrifugal pumps.
- Mixers.
- Agitators.
- Valves.

Page1/1

Data Sheet.



## TECHNICAL DATA

Properties:	FLUORO:MASTER® S	Packing
Composition:	PTFE FLUORO:MASTER® S + Silicone based lubricant.	
Temperature, Max:	500 °F	
Temperature, Min:	-58 °F	
Max. Pressure, Rotating:	218 psi	
Max. Pressure, Reciprocating:	435 psi	
Shaft Speed:	1,378 fpm	
pH Range:	0-14	

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

## AVAILABILITY:

Availability:	FLUORO:MASTER® S	Packing
1/8", 5# Boxes:	83.34	ft / lbs.
3/16", 5# Boxes:	34.23	ft / lbs.
1/4", 5# Boxes:	20.83	ft / lbs.
5/16", 5# Boxes:	13.69	ft / lbs.
3/8", 5# Boxes:	9.23	ft / lbs.
7/16", 5# Boxes:	7.29	ft / lbs.
1/2", 5# Boxes:	5.21	ft / lbs.
9/16", 5# Boxes:	4.32	ft / lbs.
5/8", 11# Boxes:	3.27	ft / lbs.
3/4", 11# Boxes:	2.38	ft / lbs.
7/8", 11# Boxes:	1.93	ft / lbs.
1", 11# Boxes:	1.49	ft / lbs.
Thickness Tolerance:	±10 %	
Notes:	The packaged product may have a variation of ±10%. *Other millimeter measurements and larger cross-sections are available upon request.	

Trusted Sealing Solutions.

www.raitech.mx

RAIPACK®

All technical information and recommendations given in this document are based on our experiences, however, we do not accept any liability. The data and values presented must be reviewed by the user, assuming that success in sealing can only occur by evaluating all parameters and variables directly on the job site. The parameters in this document are approximate and may have mutual influence if they occur simultaneously, please contact us in critical applications or where there is doubt.