

# RAITECH® ARA:MAX® GOLD

ARA:MAX® HT Aramid fiber  
+ Self-Lubricating Fluorinated Coating.



It's that simple: it just lasts longer.

12% greater mechanical resistance than previous versions.

ARA:MAX® GOLD is a high-performance packing made with high-quality ARA:MAX® HT aramid fibers coated with a fluorinated additive.

Thanks to its substantial improvements over common market options, it offers extended service life and maximum reliability in demanding industrial applications.

#### Competitive Advantages:

- **Unsurpassed Mechanical Strength:** Extremely durable and designed to withstand heavy-duty work without losing structural integrity.
- **Minimal Friction (Up to 15 m/s):** Its fluorinated dispersion and inert lubricant reduce the coefficient of friction to a minimum, protecting equipment against premature wear.
- **Extreme Abrasion Resistance:** The hardness of the ARA:MAX® HT fibers makes it ideal for sealing abrasive fluids, sand, pastes, slurries, and media with suspended solids.
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#### Designed for:

- **Equipment:** Centrifugal pumps, reciprocating pumps, industrial valves, refiners, pulpers, digesters, agitators, and mixers.
- **Typical fluids:** Clean water, wastewater, sludge, paper pulp, pastes, solvents, molasses, oils, and moderately corrosive fluids.
- **Industries:** Mining, pulp and paper, water treatment, general chemicals, sugar, and refineries.

It is ideal for use as an anti-extrusion ring when used with softer packing rings.



#### SLEEVE:1214

Shaft sleeve specially designed to offer the best performance with our ARA:MAX® fibers



**Common Equipment:** Centrifugal Pumps, Reciprocating Pumps, Pulpers, Refiners, Mixers, Agitators.

**Common Fluids:** Paper Pulp, Sludge, Clay, Wastewater, Slurries, Sugarcane Juice, Molasses, Lime Slurry, Chocolate Paste, etc.

## TECHNICAL DATA

Properties:	ARA:MAX® GOLD	Packing
Composition:	ARA:MAX® HT Aramid fiber + Self-Lubricating Fluorinated Coating.	
Temperature, Max:	536	°F
Temperature, Min:	-148	°F
Max. Pressure, Rotating:	508	psi
Max. Pressure, Reciprocating:	1,450	psi
Max. Pressure, Valves:	3,626	psi
Shaft Speed:	2,954	fpm
pH Range:	2-12	

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

## AVAILABILITY:

Availability:	ARA:MAX® GOLD	Packing
1/8", 5# Boxes:	62.50	ft / lbs.
3/16", 5# Boxes:	34.23	ft / lbs.
1/4", 5# Boxes:	25.30	ft / lbs.
5/16", 5# Boxes:	16.37	ft / lbs.
3/8", 5# Boxes:	11.91	ft / lbs.
7/16", 5# Boxes:	8.93	ft / lbs.
1/2", 5# Boxes:	6.70	ft / lbs.
9/16", 5# Boxes:	5.36	ft / lbs.
5/8", 11# Boxes:	4.32	ft / lbs.
3/4", 11# Boxes:	3.13	ft / lbs.
7/8", 11# Boxes:	2.38	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.