

RAITECH® KYNO:MAX® 377

KYNO:MAX® Phenolic fiber
+ Self-Lubricating Fluorinated Coating.



The alternative for abrasive fluids, but gentle on the shaft.

KYNO:MAX® 377 This packing is manufactured using a diagonal braid of high-performance phenolic fiber yarns. Each filament has been individually treated with a PTFE (Polytetrafluoroethylene) dispersion and special high-temperature resistant lubricants.

Unlike traditional synthetic fibers, **KYNO:MAX®** phenolic fiber combines exceptional mechanical strength with a smooth surface that does not wear down sleeves or shafts, even in the presence of solid particles.

The **KYNO:MAX® 377** packing is the ultimate solution, offering:

- **Extreme Abrasion Resistance:** Ideal for fluids containing sand, sludge, or crystals.
- **Low Coefficient of Friction:** Thanks to PTFE saturation, it generates less heat from friction, extending the seal's service life.
- **High Dimensional Stability:** It does not shrink or deform under high pressures or thermal changes. Chemical Versatility: Resistant to a wide range of acids, organic solvents, and oils.

KYNO:MAX® 377 is specifically designed for "heavy-duty" service in abrasive conditions:

- **Equipment:** Centrifugal pumps, mixers, agitators, refiners, and slurry pumps.
- **Industries:** Mining, pulp and paper, water treatment plants, sugar and chemical industries.
- **Fluids:** Wastewater, paper pulp, brines, molasses, and abrasive chemicals.

- Common equipment:**
- Reciprocating pumps.
 - Centrifugal pumps.
 - Digesters.
 - Dewatering pumps.
 - Refiners.
 - Pulpers.

- Common fluids:**
- Molasses.
 - Pastes.
 - Sludge.
 - Pulp.

TECHNICAL DATA

Properties:	KYNO:MAX® 377	Packing
Composition:	KYNO:MAX® Phenolic fiber + Self-Lubricating Fluorinated Coating.	
Temperature, Max:	482	°F
Temperature, Min:	-148	°F
Max. Pressure, Rotating:	363	psi
Max. Pressure, Reciprocating:	725	psi
Shaft Speed:	2,954	fpm
pH Range:	1-13	

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

AVAILABILITY:

Availability:	KYNO:MAX® 377	Packing
1/8", 5# Boxes:	78.87	ft / lbs.
3/16", 5# Boxes:	49.85	ft / lbs.
1/4", 5# Boxes:	25.89	ft / lbs.
5/16", 5# Boxes:	18.90	ft / lbs.
3/8", 5# Boxes:	12.95	ft / lbs.
7/16", 5# Boxes:	9.97	ft / lbs.
1/2", 5# Boxes:	7.44	ft / lbs.
9/16", 5# Boxes:	5.95	ft / lbs.
5/8", 11# Boxes:	4.76	ft / lbs.
3/4", 11# Boxes:	3.13	ft / lbs.
7/8", 11# Boxes:	2.53	ft / lbs.
1", 11# Boxes:	1.93	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.	

www.raitech.mx

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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.