

RAITECH® ARA:MAX® WHITE

ARA:MAX® HT Aramid Fiber +
FLUORO:MASTER® X PTFE



Data Sheet.

Page1/1

Common equipment:

- High-pressure centrifugal pumps.
- Reciprocating pumps.
- Mixers.
- Agitators.

Common fluids:

- Wastewater.
- Light sludge.
- Brines.
- Vegetable oils.
- Solvents.
- Condensates.

Our combination of chemical resistance and dimensional stability.

ARA:MAX® WHITE is an inter-braided packing made from a fusion of PTFE-based FLUORO:MASTER® X fibers and aramid-based ARA:MAX® HT fibers, offering substantial improvements over common fibers on the market.

ARA:MAX® WHITE packing is resistant to most chemicals within the pH range of 2-12 (with the exception of molten alkali metals and elemental fluorine).

It withstands temperatures from -100°C to +260°C. It can also operate in high-speed applications up to 13 m/s thanks to self-lubricating fluorinated additives that help dissipate heat more effectively.

Competitive Advantages:

Extrusion Resistance: The corners of ARA:MAX® HT act as structural barriers, allowing the packing to operate in equipment with wide clearances without deformation.

Abrasive Protection: The aramid in the corners "cleans" the shaft of solid particles before they reach the PTFE, extending the seal's service life.

Shaft Protection: By keeping the ARA:MAX® HT only in the corners, the contact surface of the hard fiber with the shaft is reduced, minimizing the risk of metal wear compared to a 100% aramid packing.

Superior Sealing: The FLUORO:MASTER® core compacts easily under pressure, achieving a tight seal with very little tightening torque.

**Note: Not recommended for use in highly oxidizing media, fuming nitric acid, aqua regia, gaseous fluorine, inks, and varnishes.*

TECHNICAL DATA

Propiedades:	ARA:MAX® WHITE	Empaquetadura
Composición:	Fibra Aramida ARA:MAX® HT + PTFE FLUORO:MASTER® X	
Temperatura Máxima:	260 °C	
Temperatura Mínima:	-100 °C	
Presión Máxima, Rotativos:	30 bar	
Presión Máxima, Reciprocantes:	200 bar	
Presión Máxima, Válvulas:	200 bar	
Velocidad Periférica:	13 m/s	
Rango pH:	2-12	

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

AVAILABILITY:

Presentaciones:	ARA:MAX® WHITE	Empaquetadura
1/4", Caja: 2.3kg:	16	mt / kg
5/16", Caja: 2.3kg:	11	mt / kg
3/8", Caja: 2.3kg:	7.5	mt / kg
7/16", Caja: 2.3kg:	5.2	mt / kg
1/2", Caja: 2.3kg:	4.3	mt / kg
9/16", Caja: 2.3kg:	3.5	mt / kg
5/8", Caja: 5kg:	2.7	mt / kg
3/4", Caja: 5kg:	2	mt / kg
7/8", Caja: 5kg:	1.5	mt / kg
1", Caja: 5kg:	1	mt / kg
Tolerancia Espesor:	±10 %	
Notas:	El producto empacado puede tener una variación de ±10% *Otras medidas milimétricas y de mayor sección, bajo cotización.	

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.

Trusted Sealing Solutions.