



**MATRIZ TAMPICO**

Tels. (833) 227 56 56 al 58,  
(833) 227 58 79 al 80,  
(833) 227 48 00  
ventas@matindceta.com

 [www.matindceta.com](http://www.matindceta.com)

**SUCURSAL COATZACOALCOS**

Tel: (921) 212 15 45  
ventascoatza@matindceta.com

**SUCURSAL CENTRO**

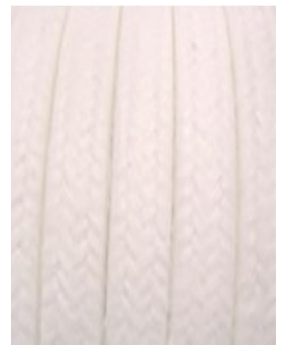
Tel: (442) 210 68 55  
ventasqro@matindceta.com

# ANTI-KEYSTONE® II

UNIQUE

PATENTED

SEALING DEVICE



# ANTI-KEYSTONE™ II Patented Construction

## Commonly Used Styles of AK II (with core versions)

(Many other styles available for every packing need)

- STYLE 7800 Exfoliated Graphite with Reinforced Graphite Corners
- STYLE 274 Expanded PTFE/Graphite with NOMEX Reinforced Corners (Hydropacking™ Construction)
- STYLE 106 Continuous Filament NOMEX® with PTFE dispersion and an inert break-in lubricant
- STYLE 702 Continuous Filament Graphite

*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**Yale**  
HOISTS



**perma**  
Lubrication Systems



**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*

# STYLE 98 AKII

## PUMP AND VALVE SERVICE



- Chemically Resistant
- Impervious to liquids or gases
- pH 0-14
- 700 fpm (3.5 M/sec)
- 5000 psi (344 BAR)
- -400° F (-240° C) to +500° F (+260° C)

*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**Yale**  
HOISTS

**M**  
MELDIN

**perma**  
Lubrication Systems

**BELZONA**  
Repair • Protect • Improve

**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*



# STYLE 120-P AKII

## ADVANCED FOOD SERVICE



- **USDA Compliant Materials**
- **Non-Contaminating**
- **Extrusion Resistant**
- **pH 2-13**
- **1,200 fpm (6.1 M/sec)**
- **1,500 psi (103 BAR)**
- **-400° F (-240° C) to +450° F (+232° C)**

*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**Yale**  
HOISTS

**M**  
MELDIN

**perma**  
Lubrication Systems

**BELZONA**  
Repair • Protect • Improve

**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*

# STYLE 106 AKII



- **Continuous Filament Meta-Aramid**
- **Abrasion Resistant / Extrusion Resistant**
- **Non-Contaminating**
- **pH 1-13**
- **2250 fpm (11,4 M/sec)**
- **2,000 psi (137 BAR)**
- **-40° F (-40° C) to +500° F (+260° C)**

*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**Yale**  
HOISTS



**perma**  
Lubrication Systems



**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*

# STYLE 98 AKII

## PUMP AND VALVE SERVICE



- Chemically Resistant
- Impervious to liquids or gases
- pH 0-14
- 700 fpm (3.5 M/sec)
- 5000 psi (344 BAR)
- -400° F (-240° C) to +500° F (+260° C)

*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**Yale**  
HOISTS



**perma**  
Lubrication Systems



**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*

# STYLE 102 AKII

## GENERAL SERVICE

- Expanded PTFE/Graphite
- Extrusion Resistant
- Abrasion Resistant
- 4,200 fpm (21,3 M/sec)
- pH 0-14
- 2000 psi (137 BAR)
- -400°F (-240°C) to 500°F (260°C)



*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**Yale**  
HOISTS

**M**  
MELDIN®

**perma**  
Lubrication Systems

**BELZONA**  
Repair • Protect • Improve

**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*



# STYLE 274 AKII

## GENERAL SERVICE

- Expanded PTFE/Graphite/Meta-Aramid Reinforced Hydropacking™
- Extrusion Resistant / Abrasion Resistant
- High Speed Capabilities 4,200 fpm (21,3 M/sec)
- pH 1-13
- 500 psi (34 BAR)-Rotating Service
- 6,000 psi (413 BAR)- Reciprocating Service
- -400°F (-240°C) to 500°F (260°C)



*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**Yale**  
HOISTS



**perma**  
Lubrication Systems



**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*

# STYLE 200 AKII



- “ULTRA II”, TFE Reinforced
- Hydropacking™
- Extrusion Resistant / Abrasion Resistant
- Chemical Resistant
- pH 0 – 14
- 2000 fpm (10.1 M/sec)
- 2500 psi (172 BAR)
- -400° F (-240° C) to 500° F (260° C)



*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**Yale**  
HOISTS



**perma**  
Lubrication Systems



**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

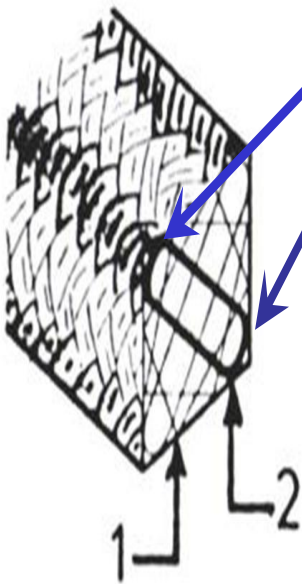
*Flexitallic*

# WHAT IS HYDROPACKING™?

**Hydropacking** is an extrusion resistant braided packing that provides maximum extrusion resistance with a minimal amount of reinforcing yarn.



Conventionally braided, extrusion resistant packings have the reinforcing yarns on all four corners of the braid.



NEBCO *Hydropacking*™ reduces these extrusion resistant corners to 2. Thus the maximum amount of desired primary yarn is used in any given style of Hydropacking.

1. Primary yarn maximizes chemical resistance and heat transfer, minimizes shrinkage.
2. Secondary yarn provides extrusion resistance and reduces distortion of the packing shape.

*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**Yale**  
HOISTS



**perma**  
Lubrication Systems



**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*

# STYLE 104 AKII

## GENERAL SERVICE

- Expanded PTFE/Graphite
- Extrusion Resistant Aramid Corners
- Abrasion Resistant
- 3,700 fpm (18.8 M/sec)
- pH 3-12
- 2250 psi (155 BAR)
- -400°F (-240°C) to 500°F (260°C)



*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**R**  
RULON®

**Yale**  
HOISTS

**M**  
MELDIN®

**perma**  
Lubrication Systems

**BELZONA**  
Repair • Protect • Improve

**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*



# STYLE 707-T AKII



- **Continuous Filament Graphite Yarn**
- **Excellent Heat Transfer**
- **Abrasion Resistant / Extrusion Resistant**
- **pH 0-14**
- **2,000 fpm (10.1M/sec)**
- **3,000 psi (206 BAR)**
- **-400° F (-240°) to 500° F (260° C)**

*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**Yale**  
HOISTS



**perma**  
Lubrication Systems



**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*

# STYLE 7800 AKII



- **Exfoliated Graphite Base Material**
- **Graphite Yarn Reinforced Corners**
- **Best Heat Transfer**
- **“Flush Free” In Many Service Applications**
- **Extrusion Resistant**
- **Unlimited Surface Speeds**
- **pH 0-14**
- **5,000 psi (344 BAR)**
- **Steam to 1,800°F (1,000° C)**
- **Atmosphere to 850°F (430°C)**

*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**Yale**  
HOISTS



**perma**  
Lubrication Systems



**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*

# STYLE 702 AKII



- Continuous Filament Graphite Yarn
- Excellent Heat Transfer
- Abrasion Resistant
- Extrusion Resistant
- “Flush Free” Capabilities
- pH 0-14
- 5,100 fpm (26M/sec)
- 3,000 psi (206 BAR)
- -400° F (-230° C) to +800° F (+427° C)

*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**Yale**  
HOISTS



**perma**  
Lubrication Systems



**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*

# Advanced Technology

## AKII®

### RING SET STYLE 7800



*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**Yale**  
HOISTS



**perma**  
Lubrication Systems



**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*



# Silicone Rubber Core Packing

Conforms to Worn Shafts

Responds to Vibration and Cavitations

Resilient to Moving Shafts



Abrasion Resistant

pH 5-10

2,250 Fpm (11,4 M/sec)

2,000 psi (137 BAR)

-40° F (-40° C)

+400° F (+204° C)

Abrasion Resistant

pH 5-10

4,200 fpm (21,3 M/sec)

500 psi (34 BAR) -Rotate

-40° F (-40° C)

+400° F (+204° C)

“Flush Free” Capability

pH 5-10

5,100 fpm (26 M/sec)

5,000 psi (344 BAR)

-40° F (-40° C)

+400° F (+204° C)

*New England*  
**BRAIDING**  
COMPANY INCORPORATED



# 106SC Vibradamp™

- Faster Break-in Than Other White Packings
- Natural Conformity To The Shaft
- Higher Thermal Conductivity Than White TFE Fiber Packing
- Extended pH Range Inclusive
- Proven Performance To 2250 fpm (11.2 M/sec)
- Resists Hydrolysis In Hot/Wet Services
- White Non-Contaminating • Abrasion Resistant
- Fray Resistant • Die Molds Readily



Style 106-SC provides non-contaminating white NOMEX® IT packing yarn braided about Vibradamp™ red silicone rubber for use in mild services. Reduces leakage where vibration is a problem. ANTI-KEYSTONE® II PACKING Technology<sup>SM</sup>. It is available in all standard sizes.

*pH 5-10*

*temperatures*

*surface speeds to 2100 fpm (11.2 M/sec)*

*pressures to 2000 psi (137 BAR)*

*-40°F to + 400°F (-40°C to +204°C)*

*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**Yale**  
HOISTS

**M**  
MELDIN®

**perma**  
Lubrication Systems

**BELZONA**  
Repair • Protect • Improve

**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*

# FLUSH FREE SERVICE

- Elimination of flush
- Successful field test for 2+ years:
  - Condensate
  - Boiler feed water
  - Non-abrasive process pumps.
- Use in combination with Style 702 AKII

## STYLE 7800 AKII

(EXFOLIATED GRAPHITE WITH  
GRAPHITE REINFORCED CORNERS)



(For best performance: install an SATB, NEBCO Style 1900, or other suitable material at the bottom of the box.)

*New England*  
**BRAIDING**  
COMPANY INCORPORATED



**R**  
RULON®

**Yale**  
HOISTS

**M**  
MELDIN®

**perma**  
Lubrication Systems

**BELZONA**  
Repair • Protect • Improve

**WILFLEY**  
HEAVY DUTY  
CENTRIFUGAL PUMPS

*Flexitallic*






# Aflas® Rubber Core Packing

Conforms to Worn Shafts

Responds to Vibration and Cavitations

Resilient to Moving Shafts

106AF	274AF	702AF
		
Abrasion Resistant	Abrasion Resistant	“Flush Free” Capability
pH 1-13	pH 1-13	pH 0-14
2,250 fpm (11,4 M/sec)	4,200 fpm (21.3 M/sec)	5,100 fpm (26 M/sec)
2,000 psi (137 BAR)	500 psi (34 BAR)-rotate	3,000 psi (206 BAR)
-40° F (-40° C)	-65° F (-54° C)	-65° F (-54° C)
+400° F (+204° C)	+400° F (+204° C)	+400° F (+204° C)



# Customized Ring Set Program

- Eliminate Waste:

Just the right amount of packing for the equipment, no incorrect cut rings.

- Speedy Installation:

Easy, reliable ring seating with no time wasted in cutting rings from bulk packing.

- Reduce Misapplication:

The correct set for a specific piece of equipment is easily identified by stores codes and equipment information minimizing time spent on purchasing, receiving, and storeroom administration.

- Reduce Inventory:

Common stores codes covering multiple pieces of equipment can be used to create interchangeable replacement sets for more than one piece of equipment.

- Track Costs:

Ring sets become standard parts for the equipment so they can be used to track the equipment operating costs more efficiently and effectively.

*New England*  
**BRAIDING**  
COMPANY INCORPORATED







# WASHER PACKINGS

NEBCO manufactures "SEAL ROPES" for specific applications such as Rama Repola washers, where a dense construction with low elongation is required. "SEAL ROPES" have large central axial cores buried within the braid to accept the tension placed on the rope. The carefully placed cores prevent the stretching and the resulting reduction in cross section that causes loss of sealing. The diamond shaped cross section readily conforms to the mating vee shaped stationary and rotating sides used in these machines.

Style 102/150 "SEAL ROPE" has a low friction graphite/TFE composite fiber tightly braided about centrally placed non-stretching cores of DuPont's original type 129 Kevlar® IT packing yarn. The composite fiber in the braid and outer axial fill used in Style 102/150 provides a conformable sealing surface with the lowest running friction and the greatest rate of heat transfer possible in this non-elongating construction. Style 102/150 is a non-contaminating black on the surface with yellow interior cores.

Style 102/150 "SEAL ROPE" is available in 3/4" and 1" cross sections and in metric cross sections of 20mm and 25mm. Other sizes are available by special order.



*pH 0-14*

*temperatures*

*surface speeds to 3000 fpm (15.3 M/sec)  
pressures to 250 psi (16.7 BAR)  
to +500°F (+260°C)*

*New England*  
**BRAIDING**  
COMPANY INCORPORATED

# STYLE 1900 SATB

## SELF ALIGNING THROAT BUSHING

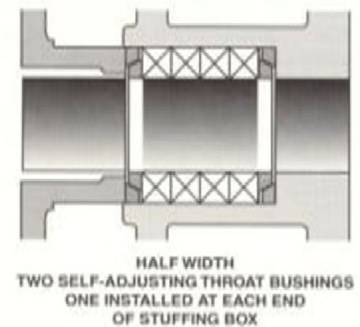
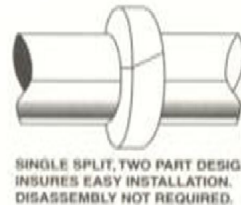
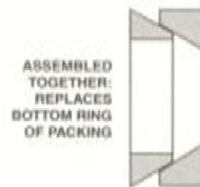
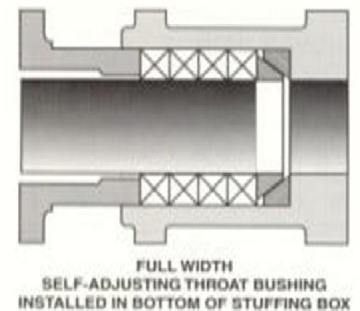
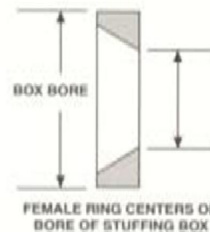
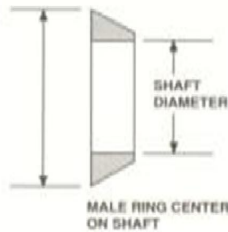
- Restrict the flow of abrasive solids
- Reduce packing tear-up and extend packing life
- Provide proper seat for packing
- Close shaft fit
- Installation is easy



pH Range 0-14

Temperature to 500° F (260°C)

Made from TFE/Moly composite materials



**Half Width** – Retains full packing set when only one is used. Replaces one ring when two are used (eg: at throat and gland).

**To Order:** Supply inside diameter (i.d.) x outside diameter (o.d.) x cross section of packing box and state full or half width.

TEL: 603-669-1987

FAX: 603-669-4121

Email: [nebco@anti-keystone.com](mailto:nebco@anti-keystone.com)





MATERIALES INDUSTRIALES CETA S.A. DE C.V.



[WWW.MATINDCETA.COM](http://WWW.MATINDCETA.COM)

**Matriz Tampico**

**Suc. Coatzacoahuila**

**Suc. Centro**

833 227 56 56 833 227 56 57  
833 227 56 58 833 227 58 79  
833 227 58 80 833 227 48 00

921 212 15 45

442 210 68 45

[ventas@matindceta.com](mailto:ventas@matindceta.com)

[ventascoatzacoahuila@matindceta.com](mailto:ventascoatzacoahuila@matindceta.com) [ventasqro@matindceta.com](mailto:ventasqro@matindceta.com)

