



**Mechanical
Packing
Catalog 2006**

**Nova Rubber
Company, LLC**

Mechanical Packing

STYLE 8007

Temperature: To 500° F - (260° C)
 pH: 0-14 Speed: 1000 FPM
 Pressure: To 300 psi (20 bar) - pumps
 To 2000 psi (140 bar) - valves
 Construction: Interlock Braid



PTFE packing, with PTFE dispersion. A dense firm packing used in valve and slow speed pump applications. Excellent chemical resistance.

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	74	32	20.6	13.5	9.5	7	5.5	4.1	3.3	2.5	2	1.6
lbs./box	1	1	2	2	2or5	5	5	5	5	10	10	10

STYLE 8008

Temperature: To 500° F (260° C)
 pH: 0-14
 Speed: 1500 FPM
 Pressure: To 300 PSI (20 bar)
 Construction: Interlock Braid



PTFE packing treated with an inert lubricant. A soft and resilient packing for chemical pump and valve applications.

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	72	31	19.4	12.5	9	7	5.1	4.1	3.3	2.3	1.7	1.2
lbs./box	1	1	2	2	2or5	5	5	5	5	10	10	10

*Food service packing use - **STYLE 8017**

Braided teflon tape - **STYLE 8018**

STYLE 8006

Temperature: To 550° F (285° C)
 pH: 0-14
 Speed: 4300 FPM
 Pressure: 300 PSI (20 bar)
 Construction: Interlock Braid



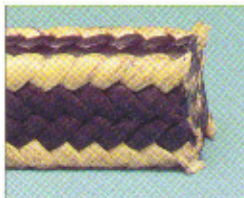
Graphite filled PTFE fiber packing that improves thermal conductivity and will not harden. Commonly called (GFO®)

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	53.3	40	22	13.1	9.5	6.6	5.8	4.2	3.3	2.6	1.9	1.5
lbs./box	1	1	2	2	2or5	5	5	5	5	10	10	10

*Trademark of W.L. Gore Associates

STYLE 8006K

Temperature: To 550° F (285° C)
 pH: 2-12
 Speed: 2500 FPM
 Pressure: 300 PSI (20 bar)
 Construction: Interlock Braid



Unique aramid packing combining styles 165 and 170 fibers. Aramid corners prevent roll and extrusion. Excellent service packing in severe pump applications. Widely used in paper mills.

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	N/A	N/A	22	13.1	9.5	6.6	5.7	4.2	3.3	2.6	1.8	1.5
lbs./box	N/A	N/A	2	2	2or5	5	5	5	5	10	10	10

STYLE 8005

Temperature: To 500° F (260° C)
 pH Range: 2-12
 Speed: 2250 FPM
 Pressure: 500 PSI (35 bar)
 Construction: Interlock Braid



Spun aramid fiber with each strand impregnated with PTFE dispersion prior to and after braiding, also has break-in lubricant. Ideal for valves and pumps in abrasive service.

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	75	35	20	18	10	8	6	5	3.8	2.5	2.1	1.7
lbs./box	1	1	2	2	2or5	5	5	5	5	10	10	10

STYLE 8003

Temperature: 220° F (105° C)
 pH: 5-9
 Speed: 1200 FPM
 Pressure: To 150 PSI (10 bar)
 Construction: Square plated



Flax fiber packing, lubricated with tallow and wax. Used for brine, cold water and oil service. Ideal for marine applications.

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	89.5	45	26.6	16.6	13	12.5	7.8	6.8	5.3	3.5	2.6	2
lbs./box	2	2	5	5	5or10	5or10	5or10	5or10	10	10	10	10

STYLE 8003G

Temperature: To 220° F (105° C)
 pH: 5-9
 Speed: 1200 FPM
 Pressure: To 150 PSI (10 bar)
 Construction: Square Braid



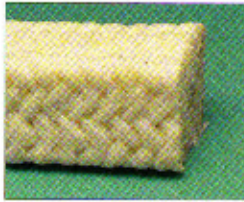
Flax fiber packing, treated with a petroleum-based lubricant and surface graphited.

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	90	47.6	27	17.8	12.9	10	7.8	6.2	4.7	3.3	2.4	2
lbs./box	2	2	5	5	5or10	5or10	5or10	5or10	10	10	10	10

Mechanical Packing

STYLE 8001

Temperature: To 500° F (260°C)
pH: 3-12
Speed: To 2200 FPM
Pressure: To 500 PSI (35 bar)
Construction: Interlock Braid

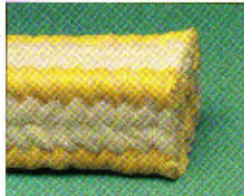


Special syntex fiber, with each strand impregnated with PTFE dispersion both prior to and after braiding. Finished packing also has a break-in lubricant. An asbestos replacement packing for general service applications. Good chemical resistance.

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	80	40	22.8	16	11.4	8.8	6.6	4.7	3.6	2.6	2	1.5
lbs./box	1	1	2or5	2or5	2or5	5	5	5	5	10	10	10

STYLE 8008K

Temperature: To 500° F (260°C)
pH: 3-12
Speed: 2200 FPM
Pressure: To 500 PSI (35 bar)
Construction: Interlock Braid



Unique packing combining 1152 and 170 fibers. Aramid corners prevent roll and extrusion. Well suited for abrasive applications and end rings with other packings.

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	N/A	N/A	22.8	16	11.4	8.8	6.6	4.7	3.6	2.6	2	1.5
lbs./box	N/A	N/A	2or5	2or5	2or5	5	5	5	5	10	10	10

STYLE 8002

Temperature: To 500° F (260°C)
pH: 4-10
Speed: 1500 FPM
Pressure: To 300 PSI (20 bar)
Construction: Interlock Braid



Syntex fiber packing thoroughly impregnated with a high temperature lubricant. Finished packing is surface graphited. An asbestos replacement packing for general service use on pumps and valves.

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	80	44	20	13.3	10	8	6.6	5.7	4.4	3.3	2.5	2
lbs./box	2	2	2	2or5	2or5	5	5	5	5or10	10	10	10

STYLE 8000

Temperature: To 1000° F (535°C)
pH: 2-11
Construction: Square plaited



Texturized fiberglass fiber packing. It is braided dry with no lubricant. Packing will not swell, shrink and is completely incombustible. Used for sealing oven doors. Excellent chemical resistance.

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	N/A	N/A	22.8	17	13	10	8	6	4.2	3.3	2.5	2
lbs./box	N/A	N/A	2or5	2or5	5	5	5or10	5or10	10	10	10	10

STYLE 53-6

Temperature: To 450° F to 600° F
pH: 0-14



Extruded round valve packing made of 100% expanded virgin PTFE. FDA suitable (FDA 21 CFR 177.1550)

ft./box	3/32" x 50'	5/32" x 25'	7/32" x 15'	9/32" x 9'

STYLE 53-3

Temperature: To 600° F (315°C)
pH: 0-14
Pressure: 3000 PSI (200 bar)



Chemcord 100% expanded virgin PTFE joint sealant. Maximum performance gasket material. FDA approved.

ft./box	1/8" x 100'	3/16" x 75'	1/4" x 50'	3/8" x 25'	1/2" x 15'	5/8" x 15'	3/4" x 15'	1" x 15'

WARNING:

Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing.

All properties/applications depicted in this brochure are general in nature. No specific applications should be undertaken without independent study and evaluations for suitability. For specific applications, we recommend that you consult

Remember, failure to select proper sealing product(s) could result in property damage and/or serious personal injury.

While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. This edition supersedes all previous issues and is subject to change without notice. Specifications are subject to change without further notice.

High Performance Mechanical Packing

The variety of packings we distribute are used in a wide variety of applications including pumps, valves, door gaskets, dome lids, and heat exchangers. Our goal is to bring products of the highest quality possible to the marketplace. We welcome all inquiries and are pleased to recommend products that fit your particular application.

STYLE 8098

Temp.: To 850° F - atmosphere (455° C)
To 1200° F - steam (650° C)
pH: 0-14 Speed: 4000 FPM
Pressure: To 500 PSI (35 bar) - pumps
To 2500 PSI (170 bar) - valves
Construction: Interlock Braid



Carbon yarn packing impregnated with graphite dispersion. For severe services in pump and valve applications, including super-heated steam, acids, alkalis, etc.

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	80	40	27	14.8	13.3	10	8	6.7	5	3.6	3	2.2
lbs./box	1or2	1or2	1or2	2	2or5	5	5	5	5	5or10	10	10

STYLE 8100

Temperature: To 850° F (455° C) - atmosphere
To 1200° F (650° C) - steam
pH: 0-14 Speed: 4000 FPM
Pressure: 500 PSI (35 bar) - pumps
2500 PSI (170 bar) - valves
Construction: Interlock Braid



Graphite filament packing impregnated with a graphite dispersion. For severe service applications where leakage must be held to a minimum. Excellent chemical resistance.

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	118	77	40	26.3	16	11.4	8.8	7.2	5.5	5	3.7	2.5
lbs./box	1	1	1or2	1or2	2or5	5	5	5	5	5or10	10	10

STYLE 8500

Temperature: To 1250° F (650° C) - steam
To 1050° F (565° C) - atmosphere
pH: 0-14 except strong oxidizers
Speed: 4000 FPM
Pressure: 3000 PSI (200 bar)
Construction: Interlock Braid



Braided from a combination of expanded flexible graphite (1100TOP) and high strength carbon fibers (90). Carbon fibers are braided into the corners to provide anti-extrusion and better abrasion resistance in tough applications. Can give virtually leak free performance.

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	N/A	N/A	20	18.5	13.3	11.3	9.4	8	6.6	4.2	3	2.4
lbs./box	N/A	N/A	1or2	2	2or5	5	5	5	5	10	10	10

STYLE 1200

Temperature: To 1200° F (650° C) - steam
pH: 1-12
Pressure: To 2500 PSI (170 bar)
Construction: Braid over core



High temperature carbon yarn with inconel wire braided over a resilient core thoroughly impregnated with graphite and corrosion inhibitor.

In.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
ft./lb.	86.9	59.5	25.6	14.3	10	7.4	5.9	4.9	4.2	2.9	2.2	1.8
lbs./box	1	1	2or5	2or5	2or5	5	5	5	5	10	10	10

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