

PACKING, GASKETS, RUBBER

PACKING**STYLE NA 1001**

Temperature Continuous Service: 464 F (240°C)

Maximum Service: 750 F (400°C)

Pressure Continuous Service: 725 psi (50 bar)

Maximum Service: 1595 psi (110 bar)

STYLE NA 1000M

Temperature Continuous Service: 390 F (200°C)

Maximum Service: 720 F (380°C)

Pressure Continuous Service: 580 psi (40 bar)

Maximum Service: 1450 psi (100 bar)

ARAMID FIBER PACKING, NBR

Style NA1001 is a compressed non-asbestos sheet gasket material produced from a combination of aramid and other synthetic fibers and bonded with nitrile rubber (NBR).

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
1001164	1/64"	59x63"
1001132	1/32"	59x63"
100116	1/16"	59x63"
1001332	3/32"	59x63"
100118	1/18"	59x63"
1001316	13/16"	59x63"
100114	1/4"	59x63"
1001164XL	1/64"	59x126"
1001132XL	1/32"	59x126"
1001116XL	1/16"	59x126"
1001332XL	3/32"	59x126"
100118XL	1/8"	59x126"
1001316XL	3/16"	59x126"
100114XL	1/4"	59x126"

ARAMID FIBER PACKING, W/WIRE MESH

Style NA1000M is a premium service gasket material that is ideally suited for applications with fluctuating pressures and temperatures.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
1000M132	1/32"	59x63"
1000M116	1/16"	59x63"
1000M332	3/32"	59x63"
1000M18	1/18"	59x63"
1000M132XL	1/32"	59x126"
1000M116XL	1/16"	59x126"
1000M332XL	3/32"	59x126"
1000M18XL	1/8"	59x126"

PACKING**STYLE NA1100**

Temperature Continuous Service: 518 F (270°C)

Maximum Service: 842 F (450°C)

Pressure Continuous Service: 1015 psi (70 bar)

Maximum Service: 1885 psi (130 bar)

CARBON FIBER PACKING, NBR

Style NA1100 is a premium grade, multi-service gasket sheet, designed to handle the extremes of pressure and temperature, and it cuts very easily and cleanly.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
1100164	1/64"	59x63"
1100132	1/32"	59x63"
1100116	1/16"	59x63"
11001332	3/32"	59x63"
110018	1/8"	59x63"
1100164XL	1/64"	59x126"
1100132XL	1/32"	59X126"
1100116XL	1/16"	59X126"
1100332XL	3/32"	59X126"
110018XL	1/8"	59X126"

STYLE NA 1100M

Temperature Continuous Service: 390 F (200°C)

Maximum Service: 720 F (380°C)

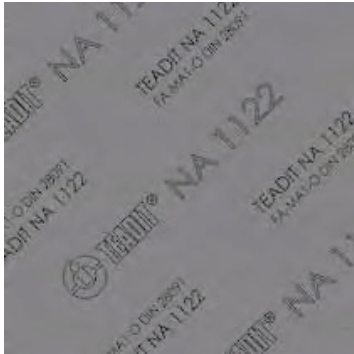
Pressure Continuous Service: 580 psi (40 bar)

Maximum Service: 1450 psi (100 bar)

CARBON FIBER PACKING, W/WIRE NBR

Style NA1100M is a premium service gasket material that is ideally suited for applications with fluctuating pressures and temperatures wire reinforced.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
1100M132	1/32"	59x63"
1100M116	1/16"	59x63"
1100M18	1/8"	59x63"
1100M132XL	1/32"	59X126"
1100M116XL	1/16"	59X126"
1100M18XL	1/8"	59X126"

PACKING**STYLE NA 1122**

Temperature Continuous Service: 806 F (430°C)
 Maximum Service: 1022 F (550°C)
 Pressure Continuous Service: 1480 psi (102 bar)
 Maximum Service: 2177 psi (150 bar)

STYLE NA 1122M

Temperature Continuous Service: 806 F (430°C)
 Maximum Service: 1022 F (550°C)
 Pressure Continuous Service: 1480 psi (102 bar)
 Maximum Service: 2177 psi (150 bar)

HIGH PERFORMANCE STEAM PACKING, NBR

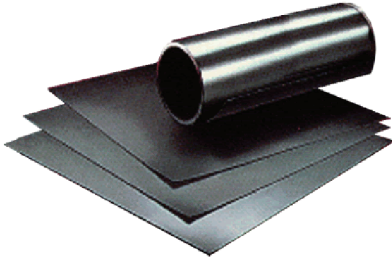
Style NA1122 is a compressed non-asbestos sheet gasket material produced from a combination of inorganic fibers and special fillers, bonded with nitrile rubber(NBR). It is specifically recommended for saturated and superheated steam services but has also proven itself to be very effective in sealing liquid petroleum derivatives, ethanol, chemical products and other fluids.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
1122132	1/32"	59x63"
1122116	1/16"	59x63"
112218	1/8"	59x63"
1122132XL	1/32"	59X126"
1122116XL	1/16"	59X126"
112218XL	1/8"	59X126"

HIGH PERFORMANCE STEAM PACKING WITH WIRE, NBR

Style NA1122M is a compressed non-asbestos sheet gasket material produced from a combination of inorganic fibers and special fillers, bonded with nitrile rubber(NBR) and wire reinforced. It is specifically recommended for saturated and superheated steam services but has also proven itself to be very effective in sealing liquid petroleum derivatives, ethanol, chemical products and other fluids.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
1122M132	1/32"	59x63"
1122M116	1/16"	59x63"
1122M18	1/8"	59x63"
1122M132XL	1/32"	59X126"
1122M116XL	1/16"	59X126"
1122M18XL	1/8"	59X126"

PACKING**STYLE SHRBNE**

Temperature: -20F to 170F (-29C to 77C)

Tensile strength: 900 to 1000 PSI

NEOPRENE RUBBER SHEET

NEOPRENE RUBBER, is a very common grade of chloroprene material used industry wide for many applications.

Applications: electrical insulation, wear resistant pads, vibration pads, isolation mounts, buffers, diaphragms, industrial matting, water retaining structures and in industrial applications such as gaskets, hoses, and corrosion-resistant coatings.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
SHRBNE06X48	1/16"	48x36"
SHRBNE09X36	3/32"	48X36"
SHRBNE12X48	1/8"	48X36"
SHRBNE18X48	3/16"	48X36"
SHRBNE25X48	1/4"	48X36"

STYLE SHRBCI

Temperature: -20F to 170F (-29C to 77C)

Tensile strength: 1100 PSI

NEOPRENE RUBBER SHEET, CLOTH INSERTED

Cloth Inserted (CI) Neoprene Rubber is a rubber sheet material that has been reinforced with one or more plies of cloth or duck such as polyester, nylon, cotton or fiberglass fabric. This reinforcement gives added stability in flanged gasket applications requiring mechanical fastening and reduces creep when there are high compression loads.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
SHRBCI06X48	1/16"	48x36"
SHRBCI09X36	3/32"	48X36"
SHRBCI12X48	1/8"	48X36"
SHRBCI18X48	3/16"	48X36"
SHRBCI25X48	1/4"	48X36"

PACKING

STYLE 2000



Min. Temperature : -400 F (-240°C)
 Max. Temperature: 842 F (450°C)
 Steam: 1202 F (650 C)
 Pressure Static: 4351 psi (300 bar)
 Pressure rotating: 435 psi (30 bar)

FLEXIBLE GRAPHITE SQUARE BRAID

Style 2000 packing is manufactured from high purity flexible graphite that is expanded and formed into a braidable yarn and then braided without binders or wire reinforcement.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
2000181LB	1/8"	1 LB
20003161LB	3/16"	1 LB
2000141LB	1/4"	1 LB
2000516LB	5/16"	1 LB
2000381LB	3/8"+	1 LB

STYLE 2001



Min. Temperature : -400 F (-240°C)
 Max. Temperature: 842 F (450°C)
 Steam: 1202 F (650 C)
 Pressure Static: 4351 psi (300 bar)
 Pressure rotating: 435 psi (30 bar)

GRAPHITE YARN, GRAPHITE FILLED

Style 2001 is a rugged premium grade, low friction, high strength, proprietary graphite fiber, twisted together and interlock braided.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
2001181LB	1/8"	1 LB
20013161LB	3/16"	1 LB
2001141LB	1/4"	1 LB
20015161LB	5/16"	1 LB
2001381LB	3/8"+	1 LB

STYLE 2002



Min. Temperature : -400 F (-240°C)
 Max. Temperature: 842 F (450°C)
 Steam: 1202 F (650 C)
 Pressure Static: 4351 psi (300 bar)
 Pressure rotating: 362 psi (25 bar)

GRAPHITE YARN, GRAPHITE FILLED

Style 2002 packing is manufactured from pure carbon yarn, which is interlock braided and impregnated with proprietary lubricants and graphite particles which fill voids, block leakage, and act as a break-in lubricant.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
2002181LB	1/8"	1 LB
20023161LB	3/16"	1 LB
2002141LB	1/4"	1 LB
20025161LB	5/16"	1 LB
14-5 2002381LB	3/8"+	1 LB

PACKING**STYLE 2005**

Min. Temperature : -450 F (-268°C)
 Max. Temperature: 536 F (280°C)
 Pressure Static: 3600 psi (250 bar)
 Pressure rotating: 290 psi (20 bar)

EXPANDED PTFE YARN, DRY

Style 2005 is a firm, high density interlock braided packing manufactured from pure ePTFE filaments pretreated with PTFE dispersion, but contains no other lubricants.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
2005181LB	1/8"	1 LB
20053161LB	3/16"	1 LB
2005141LB	1/4"	1 LB
20055161LB	5/16"	1 LB
2005381LB	3/8"+	1 LB

STYLE 2006FDA

Min. Temperature : -148 F (-100°C)
 Max. Temperature: 536 F (280°C)
 Pressure rotating: 290 psi (20 bar)

EXPANDED PTFE YARN, FDA APPROVED

Style 2006FDA is a firm, pliable interlock braided packing manufactured from the purest ePTFE filaments. A proprietary food grade lubricant provides faster break-in and reduced shaft wear

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
2006181LB	1/8"	1 LB
20063161LB	3/16"	1 LB
2006141LB	1/4"	1 LB
20065161LB	5/16"	1 LB
2006381LB	3/8"+	1 LB

STYLE 2019

Min. Temperature : -148 F (-100°C)
 Max. Temperature: 446 F (230°C)
 Pressure Static: 1450 psi (100 bar)
 Pressure rotating: 290 psi (20 bar)

SYNTHETIC YARN W/ PTFE, LUBRICATED

Style 2019 is an interlock braid using carded synthetic yarns thoroughly impregnated with PTFE suspensoid. The finished packing is again coated with PTFE dispersion and a break-in lubricant is added to reduce shaft wear and eliminate glazing at start up.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
2019181LB	1/8"	1 LB
20193161LB	3/16"	1 LB
2019141LB	1/4"	1 LB
20195161LB	5/16"	1 LB
2019381LB	3/8"+	1 LB

PACKING**STYLE 2044**

Min. Temperature : -148 F (-100°C)

Max. Temperature: 536 F (280°C)

Pressure Static: 2200 psi (150 bar)

Pressure rotating: 290 psi (20 bar)

SPUN ARAMID YARN W/PTFE

Style 2044 is an interlock braid, using spun aramid carded yarns, treated individually with PTFE suspenoid.

The packing is also lubricated with silicone based compound for quick and easy break-in.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
2044181LB	1/8"	1 LB
20443161LB	3/16"	1 LB
2044141LB	1/4"	1 LB
20445161LB	5/16"	1 LB
2044381LB	3/8"+	1 LB

STYLE 2214

Max. Temperature: 1202 F (650°C)

Pressure static: 2500 psi (170 bar)

HIGH TEMP, NON ASBESTOS VALVE STEM

Style 2214 is a proprietary braid-over-core construction, using a special high temperature, Inconel reinforced fiber and a non-hardening core. The packing is impregnated with a high temperature resistant compound, and coated with fine particles of graphite to act as a surface lubricant. This style is also treated with a sacrificial material to alleviate electrolytic action.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
2214181LB	1/8"	1 LB
22143161LB	3/16"	1 LB
2214141LB	1/4"	1 LB
22145161LB	5/16"	1 LB
2214381LB	3/8"+	1 LB

STYLE 2236

Min. Temperature : -400 F (-240°C)

Max. Temperature: 840 F (455°C)

Steam: 1202 F (650C)

Pressure Static: 6526 psi (450 bar)

FLEXIBLE GRAPHITE W/INCONEL WIRE JACKET

Style 2236 valve packing is self-lubricating, non-hardening, dimensionally stable and resistant to gases and fluids as well as heat, pressure and chemicals. Its high temperature flexible graphite and Inconel® filament jacket affords mechanical stability while the advanced construction provides leakage control and high integrity in steam service.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
2036181LB	1/8"	1 LB
20363161LB	3/16"	1 LB
2036141LB	1/4"	1 LB
20365161LB	5/16"	1 LB
2036381LB	3/8"+	1 LB

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PACKING**STYLE 2255**

Min. Temperature : -148 F (-100°C)
 Max. Temperature: 446 F (230°C)
 Pressure Static: 725 psi (50 bar)
 Pressure rotating: 290 psi (20 bar)

SYNTHETIC YARN W/ GRAPHITE, LUBRICATED

Style 2255 is an interlock braid using carded synthetic yarns thoroughly impregnated with a special petroleum based lubricant and graphite.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
2255181LB	1/8"	1 LB
22553161LB	3/16"	1 LB
2255141LB	1/4"	1 LB
22555161LB	5/16"	1 LB
2255381LB	3/8"+	1 LB

STYLE 2000IC

Min. Temperature : -464 F (-240°C)
 Max. Temperature: 84 F (450°C)
 Steam: 1202 F (650 C)
 Pressure Static: 5800 psi (400 bar)

FLEXIBLE GRAPHITE, WIRE REINFORCED

Style 2000IC is manufactured from high purity flexible graphite that is expanded and formed into a weave-able yarn and then braided in a unique construction with wire reinforcement.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
2000IC181LB	1/8"	1 LB
2000IC3161LB	3/16"	1 LB
2000IC141LB	1/4"	1 LB
2000IC516LB	5/16"	1 LB
2000IC381LB	3/8"+	1 LB

PACKING**STYLE 1660**

Temperature Continuous Service: -328 F (-200°C)

Maximum Service: 842 F (450°C)

Steam: 1202 F (650C)

Pressure : 2030psi (140 bar)

GRAPHITE SHEET

Style 1660 flexible graphite sheet is made from exfoliated graphite flake which is compressed into foil by a carefully controlled calendaring process.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
1660132	1/32"	39x39"
1660116	1/16"	39x39"
166018	1/8"	39X39"
1660132XL	1/32"	60X60"
1660116XL	1/16"	60X60"
166018XL	1/8"	60X60"

STYLE 1661

Temperature Continuous Service: -328 F (-200°C)

Maximum Service: 842 F (450°C)

Steam: 1202 F (650C)

Pressure : 2030psi (140 bar)

GRAPHITE SHEET, 316SS FOIL INSERT

Style 1661 is a flexible graphite sheet reinforced with a 316SS foil, .002" thick. The flexible graphite sheet is made from exfoliated graphite flake which is compressed into foil by a carefully controlled calendaring process.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
1661132	1/32"	39x39"
1661116	1/16"	39x39"
166118	1/8"	39X39"
1661132XL	1/32"	60X60"
1661116XL	1/16"	60X60"
166118XL	1/8"	60X60"

PACKING**STYLE 1662**

Temperature Continuous Service: -328 F (-200°C)

Maximum Service: 842 F (450°C)

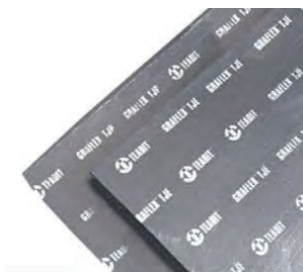
Steam: 1202 F (650C)

Pressure : 2030psi (140 bar)

GRAPHITE SHEET, 316SS WIRE INSERT

Style 1661 is a flexible graphite sheet reinforced with a 316SS wire, .002" thick. The flexible graphite sheet is made from exfoliated graphite flake which is compressed into foil by a carefully controlled calendaring process.

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
1662116	1/16"	39x39"
166218	1/8"	39X39"
1662116XL	1/16"	60X60"
166218XL	1/8"	60X60"

STYLE 1663

Temperature Continuous Service: -328 F (-200°C)

Maximum Service: 842 F (450°C)

Steam: 1202 F (650C)

Pressure : 2030psi (140 bar)

GRAPHITE SHEET, 316SS TANGED INSERT

Style 1663 is a flexible graphite sheet reinforced with a 316SS tanged core, .005" thick. The flexible graphite sheet is made from exfoliated graphite flake which is compressed into foil by a carefully controlled calendaring process. .

<u>PART#</u>	<u>THICKNESS</u>	<u>SIZE</u>
1663132	1/32"	39x39"
1663116	1/16"	39x39"
166318	1/8"	39X39"
1663132XL	1/32"	60X60"
1663116XL	1/16"	60X60"
166318XL	1/8"	60X60"

PACKING**STYLE 913**

Max Temperature: 842 F (450°C)

Min Temperature : -400 F (-240°C)

Maximum Service: 1885 psi (130 bar)

SPIRAL WOUND W/OUTER RING, SS SEAL

Pure graphite fill, Style 913 spiral wound gasket is manufactured in a controlled and cleaned environment to insure the finished product is free from organic contaminants. It is typically produced from 316L stainless steel strip, inner and outer rings and high purity flexible graphite filler with oxidation inhibitors.

<u>PART#</u>	<u>DIN</u>	<u>PN</u>
913DN10PN10	10	10
913DN15PN10	15	10
913DN20PN10	20	10
913DN25PN10	25	10
913DN32PN10	32	10
913DN40PN10	40	10
913DN50PN10	50	10
913DN65PN10	65	10
913DN80PN10	80	10
913DN100PN10	100	10
913DN125PN10	125	10
913DN150PN10	150	10
913DN200PN10	200	10
913DN250PN10	250	10
913DN300PN10	300	10
913DN350PN10	350	10
913DN400PN10	400	10
913DN10PN25	10	25
913DN15PN25	15	25
913DN20PN25	20	25
913DN25PN25	25	25
913DN32PN25	32	25
913DN40PN25	40	25
913DN50PN25	50	25
913DN65PN25	65	25
913DN80PN25	80	25
913DN100P25	100	25
913DN125P25	125	25
913DN150P25	150	25
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913DN250PN25	250	25
913DN300PN25	300	25
913DN350PN25	350	25

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