





















PTFE Braided Packing's

Table of usage										
Type	3G GACO 107	3G GAZO 110	3G COM 154	3G W 104	3G WMO 106FG	3G W 103	3G WPS 303	3G GA 101	3G GA 102	3G WPPO 305
Info Page										
Temperature (°C)	-100 +280	-50 +250	-100 +260	-100 +280	-160 +280	-160 +280	-50 +220	-200 +280	-100 +280	-160 +280
Rotating Pumps (bar)	70	20	20	20	-	50	-	50	15	-
Piston Pumps (bar)	250	50	80	200	150	100	-	200	100	-
Valves (bar)	350	-	200	250	500	20	220	300	-	25
Average (pH)	3÷12	2÷12	0÷14	1÷14	0÷14	0÷14	0÷14	0÷14	0÷14	0÷14
Velocity m/sec	25	20	15	20	2	8	2	25	20	-
Sea Water	●	●				●		●	●	
Water, industrial water, waste water	●	●	●	●	●	●	●	●	●	●
Drinking water, food, pharmaceutical products	●	●	●	●	●	●	●	●	●	●
Hot water, boiler supply water, condensate	●	●	●	●	●	●	●	●	●	●
Concentrated organic/non organic acids			●	●	●	●	●	●	●	●
Strongly diluted organic/non organic acids, saline solutions	●	●	●	●	●	●	●	●	●	●
Diluted alkalis	●	●	●			●		●	●	
Diluted alkalis	●	●	●	●	●		●	●	●	●
Air	●	●	●	●	●	●	●	●	●	●
Hydrogen			●	●	●	●	●	●	●	●
Oxygen				●	●		●			●
Gas	●	●	●	●	●	●	●	●	●	●
Steam	●	●	●	●	●	●	●	●	●	●
Solvent Vapours	●	●	●	●	●		●	●	●	●
Oil and grease, mineral oil and animal fats	●	●	●	●	●	●	●	●	●	●
Cooling oil			●	●	●		●	●	●	●
Organic components, cores, nitril			●	●	●	●	●	●	●	●
Abresive fluids, lime, solid materials	●	●	●	●	●		●	●	●	●
Adhesive fluids (glues, varnishes, paints)	●	●	●	●	●		●	●	●	●
Aliphatic acid fluids, alcohol, esters, ketones, hydrocarbons...			●	●	●		●	●	●	●
Info Page										

Applications

Chemical industry: Pumps and control valves, mixers and dischargers for acids, alkali, resins, solvents.

Petrochemical industry: Pumps and valves for acids, asphalt, vapour, mud, chemical products, caustic solutions.

Mining industry: Drainage pumps.

Textile industry: Bleaches, dyestuffs, acids, filtered liquids, dirty water.

Food industry: Pumps, valves and mixers for ammonia, foodstuffs, pasta, cleaning solutions.

Sugar-refineries: Pumps and valves for cold water, dirty water, mud, syrup, juices.

Brewiers: Pumps and valves for beer, brine, hops, caustic soda, ammonia.

Distilleries: Pumps and control valves for cleaning solutions and must.

Power plants: Pumps and control valves for water, dirty water, fuels, condensate, spent ashes.

Nuclear power plants: Pumps for cooling water, fuels.

Depurators: Pumps and valves for acids, alkali, mud.

Paper Mills: Pumps and valves for chlorine, bleaches, alkali, lye, condensate, washing water, mud, boiler feed, pulp, vapour.

Quality/price Ratio

Its versatility of application and its working life in whatever environmental condition helps to prevent expensive stocks, brings down waiting times, and strongly reduces servicing costs.

These features make the plait a winner thanks to its quality/price ratio.

Advantages

- Long working life.
- Universal chemical resistance, excellent thermal conductivity for high shaft speed.
- Does neither hydrolyze nor harden.
- Clean and easy to cut.
- Not abrasive.
- Better heat dissipation, lower weight loss and consequent minor shrinkage.
- ASBESTOS-FREE.

Vantaggi

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- ASBESTOS-FREE.

Braid packing with PTFE - Type 3G GACO 107



Product's category:

Braid packing with PTFE expanded + kevlar® Type 3G GACO 107

Characteristics

Braid Packing consisting of yarns strengthened on the corners with pure kevlar® yarns with diagonal interweaving. This combination increases the mechanical characteristics of the braid Packing and increases its resistance to extrusion and pressure.

Applications

Pumps; piston pumps; centrifugal pumps; stirrers; valves; centrifuges; acids; oils; solvents; abrasive substances; waste water; hot water; suitable for paper mills, the food industry, the chemical and petrochemical industries, water treatment plant and boilers.

Table of theoretical weights

Cross section (mm)	Weight (gr/m)
4 x 4	26
5 x 5	40
6 x 6	58
8 x 8	102
10 x 10	160
12 x 12	230
14 x 14	314

Cross section (mm)	Weight (gr/m)
15 x 15	26
16 x 16	40
18 x 18	58
20 x 20	102
25 x 25	160
30 x 30	230

Braid packing with PTFE - Type 3G GAZO 110



Product's category

Braid packing with PTFE expanded + kevlar® Type 3G GAZO 110

Characteristics

Special braid packing consisting of yarns and pure kevlar® yarns with zebra-striped diagonal interweaving.

Applications

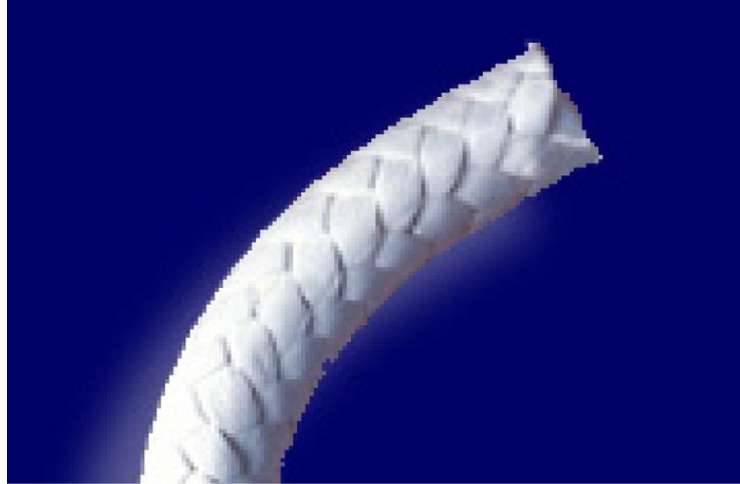
Pumps; piston pumps; water; oil; gas; abrasive fluids; weak acids; suitable for the chemicals, petrochemical and pharmaceutical industries and paper mills.

Table of theoretical weights

Cross section (mm)	Weight (gr/m)
4 x 4	26
5 x 5	40
6 x 6	58
8 x 8	102
10 x 10	170
12 x 12	220
14 x 14	314

Cross section (mm)	Weight (gr/m)
15 x 15	360
16 x 16	410
18 x 18	518
20 x 20	640
25 x 25	1000
30 x 30	1440

Braid packing with PTFE - Type 3G COM 154



Product's category

Braid packing with PTFE unsintered Type 3G COM 154

Characteristics

Braid packing consisting of unsintered pure ptfе woven tape. Resistant to chemical attack, high and low pressure and extrusion. This packing is elastic and thus adheres perfectly to valve stems, guaranteeing total tightness.

Applications

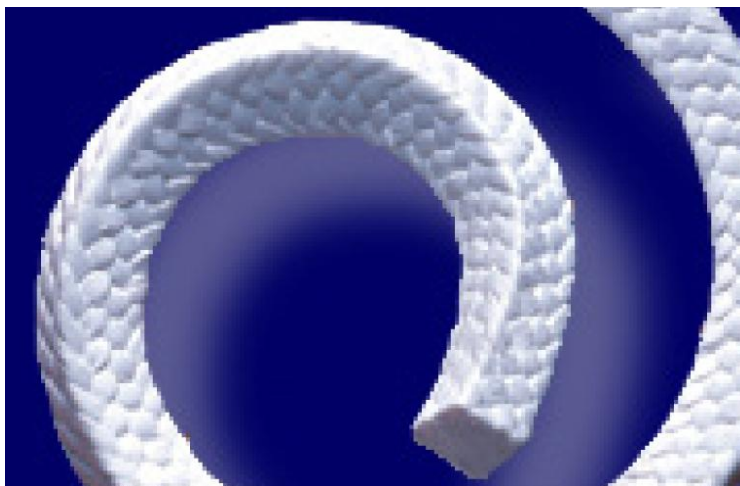
Valves; mixers; chemical products; solvents; suitable for the pharmaceutical and chemical industries.

Table of theoretical weights

Cross section (mm)	Weight (gr/m)
4 x 4	26
5 x 5	40
6 x 6	58
8 x 8	102
10 x 10	160
12 x 12	230
14 x 14	314

Cross section (mm)	Weight (gr/m)
15 x 15	360
16 x 16	410
18 x 18	518
20 x 20	640
25 x 25	1000
30 x 30	1440

Braid packing with PTFE - Type 3G W 104



Product's category

Braid packing with special white yarn + PTFE Type 3G W 104

Characteristics

The braid is obtained from new white yarn, made by combining components having a high heat transfer as well as an excellent lubrication. The very low thermal expansion coefficient, in comparison with other white PTFE braids, permits to reach results which are impossible to obtain with other existing materials.

Applications

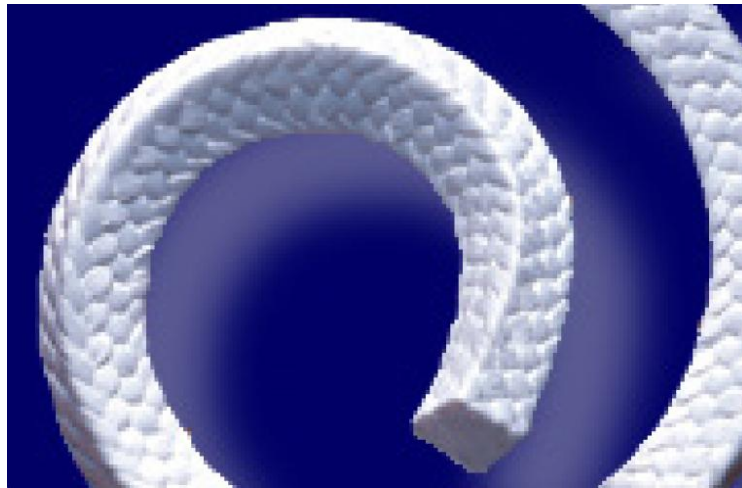
Stirrers, conveyors, rotary pumps, vacuum pumps and mixers, concentrators. Suitable for the food industry, pharmaceutical industry, paper mills, water treatment industry. FDA CERTIFICATE FOR FOODSTUFFS

Table of theoretical weights

Cross section (mm)	Weight (gr/m)
4 x 4	296
5 x 5	45
6 x 6	65
8 x 8	115
10 x 10	190
12 x 12	240
14 x 14	300

Cross section (mm)	Weight (gr/m)
15 x 15	330
16 x 16	461
18 x 18	583
20 x 20	730
25 x 25	1050
30 x 30	1200

Braid packing with PTFE - Type 3G WMO 106FG



Product's category

Braid packing with PTFE Type 3G WMO 106FG

Characteristics

Braid packing consisting of pure ptfе yarns, impregnated yarn-by-yarn with dispersed ptfе, with diagonal interweaving. This has a low friction factor and resists chemical attack. The significant breaking resistance and tensile strength of this packing means it can be used for valves with pressure of up to 350 Kg/cm².

Applications

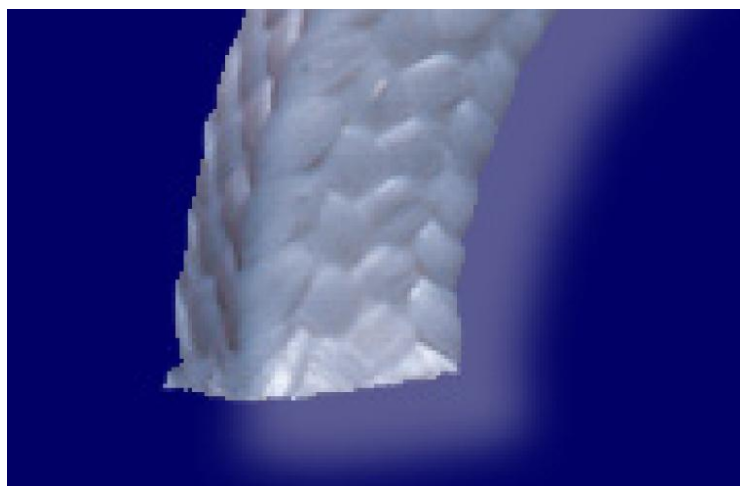
Valves; centrifugal pump shafts; mixers; stirrers; high pressure; reciprocating pistons; register valves; aggressive chemical products; steam; solvents; suitable for the petrochemical and chemical industries and paper mills.

Table of theoretical weights

Cross section (mm)	Weight (gr/m)
4 x 4	29
5 x 5	45
6 x 6	65
8 x 8	115
10 x 10	190
12 x 12	240
14 x 14	300

Cross section (mm)	Weight (gr/m)
15 x 15	330
16 x 16	461
18 x 18	583
20 x 20	730
25 x 25	1050
30 x 30	1200

Braid packing with PTFE - Type 3G W 103



Product's category

Braid packing with lubricated PTFE Type 3G W 103

Characteristics

Braid packing consisting of pure ptfе yarns impregnated with dispersed ptfе and an inert lubricant, with diagonal interweaving to guarantee a perfectly square cross-section. It has a low friction factor, and so does not scratch the shaft; inert to all chemical products apart from alkaline metals.

Applications

Centrifugal pumps; valves with air and gas; oxidants and aggressive chemicals; concentrated acids; steam; suitable for the petrochemical and chemical industries, paper mills and the food industry.

Table of theoretical weights

Cross section (mm)	Weight (gr/m)
4 x 4	30
5 x 5	48
6 x 6	72
8 x 8	122
10 x 10	180
12 x 12	250
14 x 14	320

Cross section (mm)	Weight (gr/m)
15 x 15	400
16 x 16	440
18 x 18	616
20 x 20	650
25 x 25	1100
30 x 30	1400

Braid packing with PTFE - Type 3G WPS 303



Product's category

Braid packing with PTFE yarns + rubber core Type 3G WPS 303

Characteristics

Braid packing consisting of pure ptfе yarns, especially suitable for special applications; rubber core. This packing is elastic and malleable; perfect for all ptfе-compatible acidic and boric fluids.

Applications

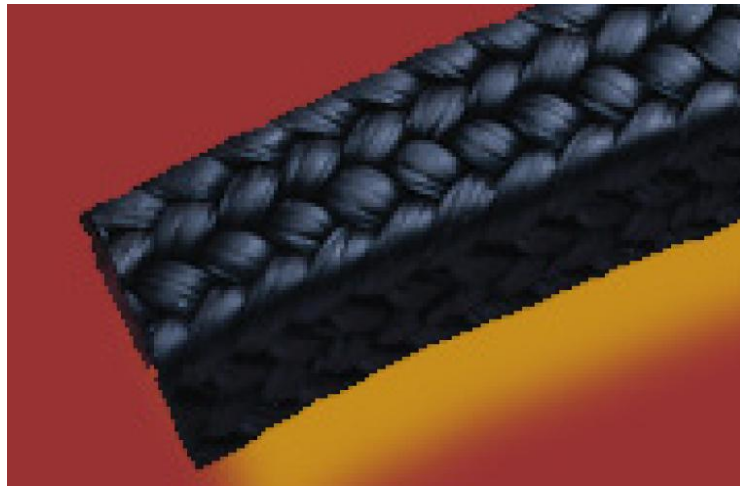
Static seals; autoclaves; doors; tanks; suitable for shipping, metalworking and the petrochemical industry.

Table of theoretical weights

Cross section (mm)	Weight (gr/m)
4 x 4	26
5 x 5	40
6 x 6	58
8 x 8	102
10 x 10	160
12 x 12	230
14 x 14	314

Cross section (mm)	Weight (gr/m)
15 x 15	360
16 x 16	410
18 x 18	518
20 x 20	640
25 x 25	1000
30 x 30	1440

Braid packing with PTFE - Type 3G GA 101



Product's category

Braid packing with PTFE + graphited Type 3G GA 101

Characteristics

Braid packing consisting of ptfе yarn loaded with encapsulated graphite particles. This structure offers a low friction factor and dissipates the heat of the pumps without hardening the braid itself.

Applications

Centrifugal pumps; low pressure valves; steam; oil; solvents; acids and alkalis; suitable for the petrochemical and chemical industries, paper mills, shipping and electricity power stations.

Table of theoretical weights

Cross section (mm)	Weight (gr/m)
4 x 4	22
5 x 5	35
6 x 6	50
8 x 8	90
10 x 10	180
12 x 12	202
14 x 14	274

Cross section (mm)	Weight (gr/m)
15 x 15	315
16 x 16	358
18 x 18	454
20 x 20	600
25 x 25	875
30 x 30	1260

Braid packing with PTFE - Type 3G GA 102



Product's category

Braid packing with lubricated graphited PTFE Type 3G GA 102

Characteristics

Braid packing consisting of ptfе yarn loaded with graphite particles and treated with special lubricants.

Applications

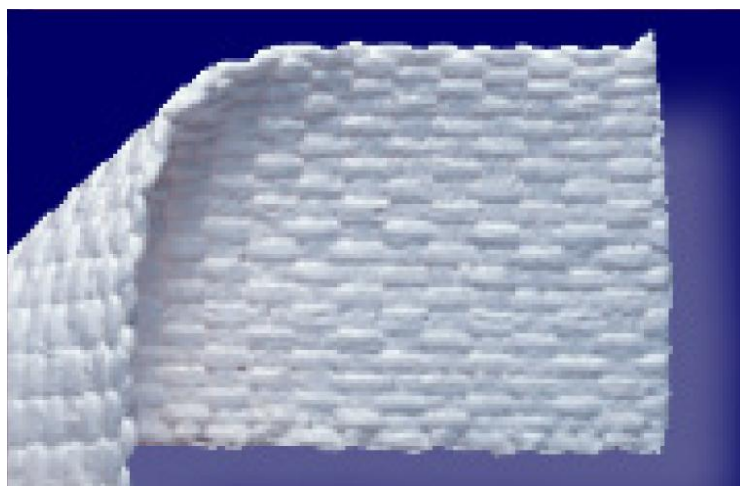
Centrifugal pumps; water; steam; oil; solvents; suitable for the chemical and petrochemical industries, paper mills and electricity power stations.

Table of theoretical weights

Cross section (mm)	Weight (gr/m)
4 x 4	27
5 x 5	43
6 x 6	61
8 x 8	109
10 x 10	170
12 x 12	245
14 x 14	333

Cross section (mm)	Weight (gr/m)
15 x 15	383
16 x 16	435
18 x 18	551
20 x 20	650
25 x 25	1000
30 x 30	1430

Braid packing with PTFE - Type 3G WPPO 305



Product's category

PTFE tape Type 3G WPPO 305

Characteristics

Woven tape with yarns of pure ptfе yarn impregnated fibre-by-fibre with dispersed ptfе and inert lubricants. Ductile, adaptable and malleable as a seal, it is recommended as a substitute for ptfе sleeves due to the extreme precision of its thickness.

Applications

Covers; flanges; piping; caps; chemical reactors; glass; vitrified ceramics; suitable for the chemical, petrochemical and pharmaceutical industries and metalworking.

