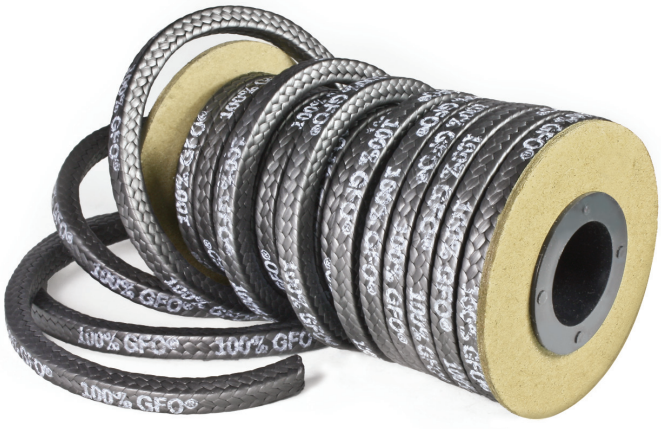
Braided Packing



Material information is available on the next page. For assistance selecting the correct braided packing, contact a Hi-Tech Seals' representative.

Product Description:

Braided packing is a rope like material which is cut into rings that wrap around the rod. Once installed the compression force generated by tightening of the gland produces radial pressure. Since braided packing expands radially when compressed, the gland tolerances can be more flexible than when using vee packing.

Hi-Tech Seals distributes braided packing based on weight, measured in pounds. However, Arochem, Kombilon, Univerdit, Carbosteam and Ramilon are distributed in kg units. To receive a feet/pound estimation on a specific material, contact a Hi-Tech Seals' representative.

Braided packing is available in imperial and metric sizes.

Part Numbers:

PKG - ____ ____ ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

C/S — Material — Weight:

Blank - 1 lbs
5LB - 5 lbs
10LB - 10 lbs

Example: PKG 3753000G10LB - 10 lbs Package of Material 3000G Braided Packing, 3/8" C/S

Braided Packing

Materials			Max. Temp.
300	Description: Application:	Aramide filament, impregnated with PTFE and an inert lubricant. Pump and valve packing, suitable for slurry and abrasive service.	260°C
320	Description: Application:	Kynol, impregnated with PTFE suspensoid. Pumps and valves. Not suitable for sulfuric acid or strong bases.	260°C
344	Description: Application:	PTFE fibre, impregnated with PTFE suspensoid. Valve service with extreme chemicals.	260°C
344BIL	Description: Application:	Pure PTFE fibre, impregnated with PTFE suspensoid and an inert break in lubricant. Pump service with extreme chemicals. Not suitable with molten alkalis.	260°C
344FDA	Description: Application:	FDA grade PTFE filament, impregnated with PTFE suspensoid. Valve service with extreme chemicals requiring FDA grade packing.	260°C
345	Description: Application:	Flax and ramie fibres, impregnated with PTFE suspensoid and an inert lubricant. Marine applications.	90°C
895	Description: Application:	Uncoated soft annealed copper wire. Acts as an anti-extrusion ring.	540°C
921	Description: Application:	Flax and ramie fibres, impregnated with tallow and wax lubricants. Cold water, brine and marine services.	90°C
921G	Description: Application:	Flax and ramie fibres, impregnated with tallow and the surface is lubricated with graphite. Heavy duty hydraulic packing used in marine applications involving oil or cold water.	90°C
3000G	Description: Application:	Special acrylic yarn blend, impregnated with high temperature lubricant and finished with particulate graphite. Economical general purpose pump and valve service.	230°C
3000T	Description: Application:	Special acrylic yarn blend, impregnated with PTFE suspensoid. An inert lubricant is added for ease of start up. General pump and valve service.	260°C
3000TK	Description: Application:	Special acrylic yarn blend, impregnated with PTFE suspensoid. An inert lubricant is added for ease of start up. This braided packing material also has Aramide corners. High speed pumps where non-contaminating packing is desired.	260°C

Braided Packing

Materials			Max. Temp.
3030INA	Description: Application:	High temperature non-asbestos valve stem expansion joint packing for moderate services. Used when experiencing high temperature steam, gases and hydrocarbons.	650°C
4000	Description: Application:	Non-staining carbon yarn, impregnated with PTFE. Non-staining general service pump and valve packing.	290°C
4000G	Description: Application:	Carbon yarn, impregnated with blocking agent and lubricated with high temperature graphite. General service pump & valve packing used with solvents, petrochemicals, mild acids & alkalis.	400°C
5000	Description: Application:	Pure expanded flexible graphite. Flexible packing providing low friction, excellent heat transfer and chemical resistance.	1100°C
5000C	Description: Application:	Pure expanded flexible graphite with corners of carbon yarn. Flexible packing providing extrusion resistance, low friction, excellent heat transfer and chemical resistance.	1100°C
5000I	Description: Application:	High density, Inconel® reinforced, flexible graphite with colloidal graphite coating. Extreme service valve packing. Meets API 589/607 fire test standards.	800°C
5000IFE	Description: Application:	Inconel® reinforced expanded graphite and coated with colloidal graphite. Valve service, certified to Fugitive Emissions Standards API 589/607.	315°C
5000T	Description: Application:	Flexible graphite yarn impregnated with PTFE and inert lube. Excellent for valve and pump service. Provides good chemical resistance and heat dissipation properties.	90°C
8000LC	Description: Application:	Industrial grade graphite filament treated with a special graphite coating to eliminate fraying. High shaft speed pump and valve applications. Suitable for extreme heat and aggressive chemicals.	1900°C
8000G	Description: Application:	Pure graphite yarn with a blocking agent and graphite lubricant. High shaft speed pump & valve applications. Suitable for extreme heat & aggressive chemicals.	650°C
8000T	Description: Application:	GFO® fibre yarn. Suitable for acids, alkalis, solvents and steam.	290°C

Braided Packing

Materials			Max. Temp.
8000TK	Description:	GFO® fibre yarn braided with Aramide corners.	260°C
	Application:	Pump packing which provides abrasion and extrusion resistance.	
8010	Description:	Anti-friction lead foil is twisted over a soft fibreglass core. High temperature oil and graphite lubricant is added.	230°C
	Application:	Boiler feed pumps or it can be used as an end ring in conjunction with other packing where extrusion exists.	
8011	Description:	Anti-friction aluminum foil is twisted over a fibreglass core. High temperature oil and graphite lubricant is added.	540°C
	Application:	For use in boiler feed pumps, in abrasive solutions and for use as an anti-extrusion ring.	
8012	Description:	Anti-friction lead foil. High temperature oil and graphite lubricant is added.	230°C
	Application:	Boiler feed pumps or it can be used as an end ring in conjunction with other packing where extrusion exists.	
8013	Description:	Anti-friction aluminum foil. High temperature oil and graphite lubricant is added.	540°C
	Application:	For use in boiler feed pumps, in abrasive solutions and for use as an anti-extrusion ring.	
8100BIL	Description:	A dense but soft lubricated PTFE/graphite braided packing.	275°C
	Application:	Pump packing which provides anti-extrusion properties.	
8200BIL	Description:	A dense PTFE/graphite braided packing.	275°C
	Application:	Economical multi-purpose packing.	
Arochem	Description:	Arochem (6212) is Aramide yarn with PTFE.	280°C
	Application:	Plunger pumps. Provides strong chemical resistance.	
Kombilon	Description:	Kombilon(6742) is a carbon and PTFE yarn.	280°C
	Application:	Ideal for rotary pumps and works well in agitators for the paper and chemical industries.	
Univerdit	Description:	Univerdit (7000) is a PTFE/graphite compound.	250°C
	Application:	Pump and valve packing. Provides good resistance to gas permeation.	
Carbosteam	Description:	Carbosteam (6550) is made of flexible carbon yarns impregnated with graphite.	399°C
	Application:	Suitable for high temperature, high pressure and is extrusion resistant.-	
Ramilon	Description:	Ramilon (4586), impregnated with PTFE fibers.	120°C
	Application:	Economical water pump packing.	