

Type SPI-GP105

Technical Data Sheet



Product Description

Type SPI-GP105 packing is manufactured solely from a unique **Type SPI-GP105**, developed to be very similar in material construction to the original GORE® GFO fibre and manufactured to optimise performance at an improved cost. G1 yarn is constructed from PTFE tape and Graphite interlocked to create a true synergy between these two premier packing materials. High temperature break-in and running lubricants are added to the yarns, prior to braiding in our CROSS-LOCK® lattice. The result is an exceptional process packing that gives longer service life in the vast majority of applications. With the exceptions of high mechanical load (highly abrasive media or high pressure) or temperatures above the PTFE limit of 536°F(280°C), **Type SPI-GP105** is the ultimate packing for general pump duties. The **Type SPI-GP105** resists all chemicals across the entire pH range (except oleum, aqua regia, fuming nitric acid, and fluorine), is self-lubricating, and does not shrink, harden, or dry out. The packing is very cool running with exceptionally good thermal conductivity, practically eliminating shaft scoring.

Why Choose Type SPI-GP105?

- Increase service life whilst minimising wear and gland adjustments
- High chemical resistance - full pH range
- Practically eliminates shaft scoring

Suitable Applications

For use wherever the value of the best quality and material packing can be realised. Since the actual purchase cost of packing is typically only 3% of the true utilisation cost, Type SPI-GP105 recommends this PTFE Graphite packing for all possible applications. They will increase service life whilst minimising wear and gland adjustments, against nearly all media in static, rotary and reciprocating uses.

Operating Limits

Pressure Rating	Rotary Speed	Temperature	pH Range
120 bar	25 M/S	-200°C to +280°C	0 - 14

Gland Packing Replacement Range

Type SPI-GP105 is a dimensional replacement for the following gland packing ranges:

- AESSEAL® | 790
- American Branding® | 8100BIL
- Apollo® | 3200
- Burgmann® | Thermoflon S
- Burgmann® | 6230 S
- Burgmann® | 3435
- Crane® | C1065
- Crane® | C1070
- Chemstar® | 165LA
- Chesterton® | 1750
- Chesterton® | 1760
- Chesterton® | 1830
- Drew® | 1400
- Flexitalic® | 900
- James Walker® | Liongraph
- John Crane® | 1065 L
- Garlock® | 41606
- Garlock® | 41616
- I.M.P.® | 75
- Klinger® | 56
- Palmetto® | 1382
- Palmetto® | 1390
- Pillar® | 4527
- Sepco® | ML 3600
- Sepco® | ML 8002
- Texpack® | 4149
- Texpack® | 4156
- Texpack® | 4157
- Teadit® | 2007
- Teadit® | 3078