



## ROBCO 5019



ROBCO 5019 is produced from a high quality synthetic yarn that combines strength, chemical and high temperature resistance. The unusually high percentage of graphite within the braid and on the surface give it good heat conductive properties. Therefore, it does not drastically soften as temperatures increases or become vulnerable to excessive deformation (and extrusion) under high operating pressures. Additionally, the high quality break-in lubricant, with excellent thermal stability provides the heat dissipation required to enable the packing to perform satisfactorily at high speeds without glazing, carbonizing or becoming abrasive. Its great suppleness and flexibility allows ROBCO 5019 to seal with minimum gland follower pressure, thereby reducing friction and wear on both the sleeve and/or shaft.

### *Possible Applications*

ROBCO 5019 may be considered an good general purpose packing that can service a broad range of chemical applications, including acids and alkalies within the specified pH range, aliphatic aromatic and naphthenic hydrocarbons, aldehydes, ketones, alcohols, petroleum oil, gases, etc.

### SPECIFICATIONS

|                   |   |
|-------------------|---|
| pH range          | 2 to 12   |
| Temperature limit | 500°F (260°C)                                       |
| Pump speeds       | 2000 fpm (10.16 m/s)                                |
| Pressure limit    | 1500 psi  |
| Construction      | Translok braid                                      |
| Material          | Synthetic yarn, flake graphite, break-in-lubricant. |
| Lubrication       | Graphite, break-in-lubricant.                       |

|                |      |      |      |      |     |      |     |     |     |     |
|----------------|------|------|------|------|-----|------|-----|-----|-----|-----|
| <b>in.</b>     | 3/16 | 5/16 | 3/8  | 7/16 | 1/2 | 9/16 | 5/8 | 3/4 | 7/8 | 1   |
| <b>ft./lb.</b> | 29.1 | 18.3 | 13.7 | 10.9 | 7.6 | 6.3  | 5.0 | 3.4 | 2.7 | 2.1 |

Disclaimer: The temperature limits, pH ranges, pressure ratings, feet per box and shaft speeds shown throughout this pamphlet are representative; the service life and performance of these products can be affected by elevated temperatures and other operating conditions such as chemical resistance, shaft speeds, pressure and equipment in which that the product is being installed. The ratings supplied are suggested as a guideline and should only be used for evaluating your specific application. When in doubt, contact Robco or your ENVIROPAK distributor. *The information contained in the pamphlet should not be considered to be a warranty, expressed or implied, including, but not limited to, a warranty of merchantability or fitness for a particular purpose. In no event shall Robco be liable for any incidental or consequential damages resulting from the use, misuse or inability to use the products.* This exclusion applies regardless of whether such damages are sought based on breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory.