



ROBCO 1342



ROBCO 1342 is a graphitic yarn packing with a carbon assay of 99% plus carbon atoms is an extension of high quality carbon yarn production. The high quality carbon is used for packings such as ROBCO 3425 CARPAK and ROBCO 3400. Pure graphitic yarn packings such as ROBCO 1342 combine a chemical resistance almost equal that of PTFE with a few exceptions. ROBCO 1342 possesses exceptional resilience and heat conductivity with a rate of thermal expansion roughly equal to cast iron. This prevents the packing from binding due to excessive expansion as PTFE fibres can.

Possible Applications

ROBCO 1342 - performs well under severe chemical conditions making it an excellent choice for boiler feed, condensate or other high speed rotary applications.

SPECIFICATIONS

pH range	1 to 14
Temperature limit	1200°F (650°C)
Pump speeds	5000 fpm (25.4 m/s)
PV limit	
From 70°F to 300°F:	5.00x10 ⁵
From 300°F to 600°F:	3.25x10 ⁵
Construction	Interlock
Material	Graphitic yarn
Lubrication	Graphite and PTFE

in.	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
ft./lb.	64.9	64.9	28.4	23.9	17.5	12.5	9.0	6.4	4.5	3.4	2.9

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.