



ROBCO 3400



As might be expected, pure filament carbon yarn packings such as ROBCO 3400 are very similar to graphite filament packings such as ROBCO 1342. High carbon assay yarns have an exceptionally broad chemical resistance including concentrated alkalis such as calcium or sodium hydroxide encountered in the kraft process (white and black liquor) in the pulp and paper industry. Their chemical resistance to strong oxidizing acids is phenomenal with a few exceptions. ROBCO 3400 is impregnated with colloidal graphite and uses a high quality break-in lubricant.

Possible Applications

ROBCO 3400 is also suitable for bleaching agents used in the pulp and paper industry such as sodium hypochlorite, bleached paper stock, white water, etc. It is also an exceptional replacement for high quality asbestos packings on severe applications including steam as well as a very broad range of chemical applications.

SPECIFICATIONS	
pH range	1 to 14
Temperature limit	600°F (316°C)
Pump speeds	4000 fpm (20.32 m/s)
PV limit	
From 70°F to 300°F:	6.5x10 ⁵
From 300°F to 600°F:	4.5x10 ⁵
Construction	Interlock
Material	Carbon yarn
Lubrication	Graphite and other break-in lubricants

in.	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8
ft./lb.	56.8	26.7	16.8	14.3	12.3	10.2	6.7	6.4	3.3	2.8

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.