

370

Heat-Dissipating Packing High Grade Carbon Yarn Packing

Premium Pump Packing for Maximum Plant-Wide Reliability

This unique, carbon and graphite construction packing provides plant-wide utility off a single spool. Chesterton 370 is manufactured from a high-quality carbon yarn incorporated with particles of pure graphite, high-temperature tolerant oils, and molybdenum disulfide, all of which act as long-life lubricants and blocking agents. The low-friction carbon yarn has exceptional high-temperature capability in harsh environments.

Chesterton 370 packing controls leakage without continual adjustments to improve efficiency and reduce repacking and maintenance costs.

Four-Stage Lubrication Provides Protection Against Heat and Shaft Wear

- 1. High-temperature, non-glazing special lubricant** protects shaft and packing during fast (often under 15 minutes) break-in period. This special lubricant is non-carbonizing, odorless, non-toxic, and will not turn rancid.
- 2. Graphite flake particles cover the carbon yarn** providing non-migrating lubrication to the shaft surface and act as a blocking agent against wicking action.
- 3. High-pressure, high-temperature lubricant** provides shaft protection even when contact pressure between packing and shaft is excessive.
- 4. Self-lubricating carbon yarn** controls wear evenly during long service life. Carbon is recognized as an ideal sealing material in mechanical seals. As a yarn, interbraided into 370 packing, these qualities provide a dense, formable surface to seal against the shaft with almost frictionless contact. As the carbon yarn slowly wears, the surfaces exposed are continually self-lubricated.

Applications

For use in pulpers, stock pumps, agitators, fan pumps, vacuum pumps, condensate pumps, screw feeders, and refiners.



- For high-temperature and high speed conditions
- Fast break-in
- Controls leakage with minimal friction
- Reduced leakage and flushing
- PTFE-free

Size		Packaged $\pm$ 10%		Item Number
mm	inch	kg	lbs	
3.0	1/8	0.908	2	037060
5.0	3/16	0.908	2	037062
6.0	–	0.908	2	037063
6.5	1/4	0.908	2	037064
		2.270	5	037073
8.0	5/16	0.908	2	037065
		2.270	5	037074
9.5	3/8	0.908	2	037066
		2.270	5	037075
		4.540	10	037081
10.0	–	0.908	2	037067
		2.270	5	037076
11.0	7/16	0.908	2	037068
		2.270	5	037077
12.0	–	2.270	5	037078
12.5	1/2	0.908	2	037070
		2.270	5	037079
		4.540	10	037083
14.0	9/16	2.270	5	037080
16.0	5/8	4.540	10	037085
17.5	11/16	4.540	10	037086
19.0	3/4	4.540	10	037087
22.0	7/8	4.540	10	037089
25.5	1	4.540	10	037094
38.0	1-1/2	4.540	10	037022

Technical Data

Pressure Limit	35 bar g (500 psig)
Shaft Speed	18 m/s (3600 fpm)
Temperature Limit	315°C (600°F)
Chemical Resistance	pH 0 – 14 except oleum, fuming nitric acid, aqua regia and fluorine

Chesterton ISO certificates available on
chesterton.com/corporate/iso

Distributed by:

Technical data reflects results of laboratory tests and is intended to indicate general characteristics only. A.W. Chesterton Company disclaims all warranties express or implied, including warranties of merchantability and fitness for a particular purpose. Liability, if any, is limited to product replacement only. Any images contained herein are for general illustrative or aesthetic purposes only and are not intended to convey any instructional, safety, handling or usage information or advice respecting any product or equipment. Please refer to relevant Safety Data Sheets, Product Data Sheets, and/or Product Labels for safe use, storage, handling, and disposal of products, or consult with your local Chesterton sales representative.

© 2019 A.W. Chesterton Company.

® Registered trademark owned by A.W. Chesterton Company in USA and other countries, unless otherwise noted.