

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

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