

377 CarbMax™

Superior Carbon Fiber Packing

High-Density Carbon Fiber Packing Designed for Extreme and Difficult Applications

The Chesterton® 377 CarbMax™ Packing contains the best characteristics of a high performance, single spool packing that help to increase the sealing reliability in both new and older equipment. This packing can effectively seal in harsh, rotating environments and can improve the overall efficiencies of a plant's operations and increase the Mean Time Between Repair (MTBR).

The 377 CarbMax™ Packing is made from high tensile strength, continuous, multi-filament, and high-carbon yarns that are braided into a high-density packing that has very low relaxation after the initial installation. This ensures a decrease in packing adjustments which translates into an improvement in the packing break-in period.

This packing has high thermal conductivity which allows it to run cool by dissipating frictional heat away from the dynamic sealing surface. Its chemical resistance and rugged construction ensure long life for the packing so that the equipment can do what it is designed to do—without interference.

Technical Data

Materials	Continuous filament carbon yarn with a non-silicone proprietary lubricant
Pressure Limit	34.5 bar g (500 psig)
Shaft Speed	15 m/s (3000 fpm)
Temperature Limit	288°C (550°F)
Chemical Resistance	pH 1 – 14 (except strong oxidizers)*

* Consult Chesterton MP Application Engineering for concerns on compatibility



Densely and Tightly Braided Strong Resistance to Abrasives

- High carbon content for tensile strength
- Low relaxation reduces maintenance
- High Thermal conductivity ensures extended packing life
- High chemical resistance



Applications

Typical applications are digesters, feeders, and impregnation and steaming vessels in the pulp and paper industry, centrifugal pumps, mixers, agitators, and other rotating equipment in a variety of industries.

Size		Packaged ± 10%		Item Number
mm	Inch	kg	lbs	
9.52	0.375	2.27	5	419768
9.52	0.375	4.54	10	419769
10	0.394	2.27	5	419753
10	0.394	4.54	10	419754
11.1	0.437	2.27	5	419755
11.1	0.437	4.54	10	419756
12*	0.472	2.27	5	419757
12*	0.472	4.54	10	419758
12.7	0.500	2.27	5	419759
12.7	0.500	4.54	10	419760
14.3*	0.562	4.54	10	419761
16	0.625	4.54	10	419762
17.5*	0.688	4.54	10	419763
19	0.750	4.54	10	419764
20	0.787	4.54	10	419765
20.6*	0.812	4.54	10	423018
22.2	0.875	4.54	10	419766
23.8*	0.937	4.54	10	423019
25*	1.000	4.54	10	419767
-	3.000	3" Sales Sample Available – Item Number 419344		

* Consult Chesterton Customer Care Team (CCT) on availability and minimum order required for certain cross-sectional sizes that are Made To Order (MTO)

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

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