



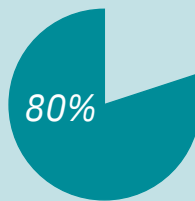
477-1

*Strong, yet pliable,
continuous filament carbon yarn*

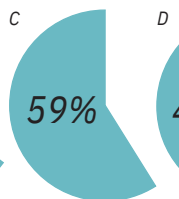
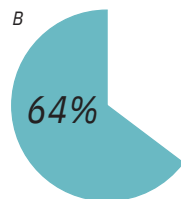
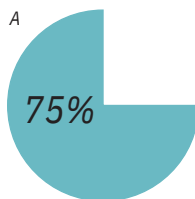
*Unique inorganic blocking agent
stops gas/liquid penetration*

*Molybdenum based corrosion
inhibitor prevents stem pitting*

CHESTERTON®477-1 is designed for general valve services in steam, water, solvents, acids and alkalis to 1,050°F (565°C), 3,600 psi (250 bar), and pH 0–13. It can be used in shaft or rod services to speeds of 3,000 fpm (15 m/sec).



CHESTERTON 477-1 has the highest percentage of carbon of all major competitors for less consolidation and more reliable service up to pressure and temperature limits. Higher quality carbon precursors make 477-1 easier to braid without fraying or fiber damages. Brands A, B, C and D require more sizing agents to assist in the braiding of lower quality, more brittle carbon fibers.



CHESTERTON®



CHESTERTON® 477-1

General Service Valve Packing

CHESTERTON®477-1 carbon fiber packing combines a new yarn formulation with superior blocking agents. New low modulus yarn provides the strength associated with continuous filament carbon fibers plus greater flexibility. This makes 477-1 strong yet pliable, without the brittleness of conventional carbon packing. 477-1 incorporates a high purity dispersion of inorganic platelets which prevent penetration of gases or liquids through the packing. Interbraid construction locks these blocking agents within the packing ring.

Valve Services

Steam valves to 1050°F (565°C)

Hot water above 500°F (260°C)

As end rings for CHESTERTON

1400 High Performance Valve Packing

for guaranteed emissions control service

As a replacement for costly

die-formed rings or wire inserted packings when service demands permit.

Rotating and Reciprocating Services

Hot oil pumps

Soot blowers

Brown stock pumps

High speed refiners and hydropulpers

Condensate and boiler feed pumps



477-1 APPROXIMATE DATA

A	BCDEF				G	
1/8	3,0	2	0,908	004752	116	77,9
3/16	5,0	2	0,908	004754	50	33,5
-	6,0	2	0,908	004756	36	24,2
1/4	6,5	2	0,908	004730	31.3	21,0
		5	2,270	004731		
5/16	8,0	2	0,908	004733	19.8	13,3
		5	2,270	004734		
3/8	9,5	2	0,908	004722	13.8	9,3
		5	2,270	004723		
		10	4,540	004724		
-	10,0	2	0,908	004758		
		5	2,270	004759	12.4	8,3
7/16	11,0	2	0,908	004736		
		5	2,270	004737	10.3	6,9
		2	0,908	004782		
-	12,0	5	2,270	004791	9.6	6,5
		2	0,908	004726		
1/2	12,5	5	2,270	004727	8.3	5,6
		10	4,540	004728		
		5	2,270	004739		
9/16	14,0	10	4,540	004740	6.5	4,4
		10	4,540	004742		
5/8	16,0	10	4,540	004744	5.2	3,5
11/16	17,5	10	4,540	004700	4.2	2,8
3/4	19,0	10	4,540	004793	3.5	2,4
13/16	20,5	10	4,540	004746	3.1	2,1
7/8	22,0	10	4,540	004796	2.7	1,8
15/16	24,0	10	4,540	004748	2.4	1,6
1	25,5				2.1	1,4

KEY:

A- Size/inches

B- Size/Millimeters

C- Packaged ± 10% Lbs.

D- Packaged ± 10% Kg.

E- Reorder Product No.

F- Lengths per Weight Ft./Lb.

G- Lengths per Weight M/Kg.



477-1 is part of the CHESTERTON 400 Series of high performance packings featuring new materials and designs for cost-effective, general service use.

SERIES

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