

# 477-1T

## Carbon/PTFE Packing

### *Chemically-resistant carbon yarn packing*

Chesterton 477-1T is a tough, yet pliable, continuous filament carbon yarn packing impregnated throughout with PTFE to provide a non-contaminating, non-staining carbon yarn packing. Developed for the tough applications in the pulp and paper industry, 477-1T is specially designed to be used in high pressure feeders, pre-steaming vessels and applications that are moving abrasive slurries. This packing's combined force of carbon yarn and PTFE dispersions increases its chemical resistance against strong caustic and acid mediums.

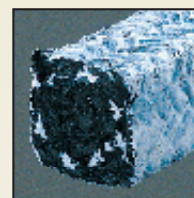
Chesterton 477-1T is also an excellent bottom anti-extrusion end ring when coupled with Chesterton 1400R Carbon-Reinforced Graphite Packing in rotating equipment. This combination is ideal for reducing or eliminating flush water from a stuffing box.

### Technical Data

<b>Pressure Limit</b>	14 bar g (200 psig)
<b>Shaft Speed</b>	10 m/s (2000 fpm) 3000 ft/m (15 m/s) When used as a bottom anti-extrusion ring with 1400R
<b>Temperature Limit</b>	260°C (500°F)
<b>Chemical Resistance</b>	pH 0 – 14 Except strong oxidizers

### Applications

For use in pulp and paper, pre-steaming vessels, high and low pressure feeders, grinding stone, hydropulpers, agitators and mixers.



- Non-contaminating, non-staining carbon yarn packing
- Unique inorganic blocking agent stops gas/liquid penetration
- Molybdenum based corrosion inhibitor prevents stem pitting

Size		Package		Item Number
mm	Inch	KG. ± 10%	LBS. ± 10%	
3.0	1/8	0.908	2	004346
5.0	3/16	0.908	2	004348
6.0	–	0.908	2	004349
6.5	1/4	0.908	2	004350
		2.270	5	004351
8.0	5/16	0.908	2	004352
		2.270	5	004353
9.5	3/8	0.908	2	004354
		2.270	5	004355
		4.540	10	004356
10.0	–	0.908	2	004357
		2.270	5	004358
11.0	7/16	0.908	2	004359
		2.270	5	004392
12.0	–	0.908	2	004395
		2.270	5	004396
12.5	1/2	0.908	2	004397
		2.270	5	004399
		4.540	10	004413
14.0	9/16	2.270	5	004415
		4.540	10	004417
16.0	5/8	4.540	10	004418
17.5	11/16	4.540	10	004446
19.0	3/4	4.540	10	004447
20.5	13/16	4.540	10	004448
22.0	7/8	4.540	10	004449
24.0	15/16	4.540	10	004450
25.5	1	4.540	10	004451

Chesterton ISO certificates available on  
[www.chesterton.com/corporate/iso](http://www.chesterton.com/corporate/iso)

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