

# 477-1T Pump Packing



**Non-contaminating, non-staining  
carbon yarn packing**

**Unique inorganic blocking agent  
stops gas/liquid penetration**

**Molybdenum based corrosion inhibitor  
prevents stem pitting**

CHESTERTON 477-1T is a tough yet pliable continuous filament carbon yarn packing which is impregnated throughout with PTFE to provide a non-contaminating, non-staining carbon yarn packing. 477-1T was developed for the tough applications in the pulp and paper industry. It is specially designed to be used in High Pressure Feeders, Pre-Steamers Vessels and applications that are moving abrasive slurries. The combination of the carbon yarn and PTFE dispersions increases the 477-1T chemical resistant properties when up against strong caustic and acid mediums.

477-1T is also an excellent bottom anti-extrusion end ring in combination with 1400R in rotating equipment. This combination is ideal when attempting to reduce or eliminate flush water from a stuffing box.

SIZE		PACKAGED ±10%		REORDER NUMBER
inches	mm	lbs.	kg.	
1/8	3,0	2	0,908	004346
3/16	5,0	2	0,908	004348
–	6,0	2	0,908	004349
1/4	6,5	2	0,908	004350
		5	2,270	004351
5/16	8,0	2	0,908	004352
		5	2,270	004353
3/8	9,5	2	0,908	004354
		5	2,270	004355
		10	4,540	004356
–	10,0	2	0,908	004357
		5	2,270	004358
7/16	11,0	2	0,908	004359
		5	2,270	004392
–	12,0	2	0,908	004395
		5	2,270	004396
1/2	12,5	2	0,908	004397
		5	2,270	004399
		10	4,540	004413
9/16	14,0	5	2,270	004415
		10	4,540	004417
5/8	16,0	10	4,540	004418
11/16	17,5	10	4,540	004446
3/4	19,0	10	4,540	004447
13/16	20,5	10	4,540	004448
7/8	22,0	10	4,540	004449
15/16	24,0	10	4,540	004450
1	25,5	10	4,540	004451

## TECHNICAL DATA

### Temperature Limit:

500°F (260°C)

### Pressure Limit:

200 psi (14 bar)

### Shaft Speeds:

2000 ft/m (10 m/s)

3000 ft/m (15 m/s)

When used as a bottom  
anti-extrusion ring with 1400R

### Chemical Resistance:

pH 0 – 14

except strong oxidizers

### Applications:

Pulp and paper,  
Pre-steaming vessels,  
High and low pressure feeders,  
Grinding stone,  
Hydropulpers,  
Agitators and Mixers.

Technical data reflects results of laboratory tests and is intended to indicate general characteristics only. A.W. Chesterton Company disclaims all warranties expressed, or implied, including warranties of merchantability and fitness for a particular purpose or use. Liability, if any is limited to product replacement only.



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