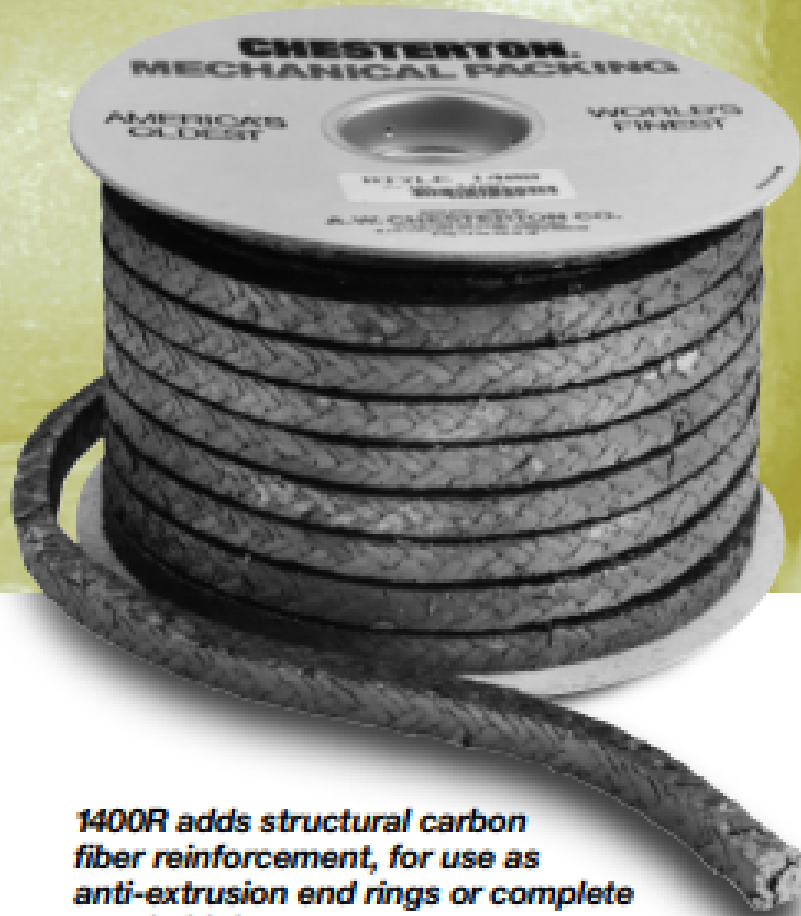


# 1400R/1400™

## Pump & Valve Graphite Tape Packing



**1400R adds structural carbon fiber reinforcement, for use as anti-extrusion end rings or complete sets in higher pressures**

**1400 forms a homogeneous mass under gland pressure, so that leakage cannot penetrate the set**

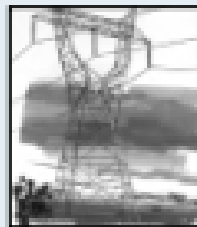
**Self-lubricating, to eliminate shaft or stem scoring and extend packing life**

**Exclusive construction for plantwide use in pumps and valves**

**Reduces pump flush water use**

**1400 offers guaranteed emissions control capability in valves**

*Easy  
to use...  
Easy  
to remove*

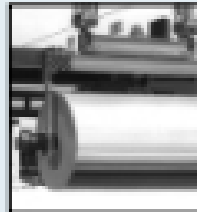


### **Power**

**Pumps:** Boiler Feed; Condensate; Hot Water Circulation; Heater Drain.

#### **Sootblowers**

**Valves:** Lube Oil; LP Steam Turbine; Condensate Line Valves; All Manually Operated Valves.



### **Pulp & Paper**

White and Green Liquor; High and Low Density Stock; Refiners; Agitators and Mixers; Hydropulpers; High and Low Pressure Feeders; Power Recovery Unit Steam Valves; Condensate and Boiler Feed Pumps.



### **Refineries & Chemical Plants**

All Manually Operated Block Valves – 3 YEAR EMISSIONS GUARANTEE AVAILABLE ON 1400 with 477-1 End Rings.

#### **Also...**

Wastewater Treatment; Sugar Plants; Marine Services.

# CHESTERTON®

ISO  
9001  
CERTIFIED

# CHESTERTON® 1400R/1400™ Pump & Valve Graphite Tape Packing

## 1400R APPROXIMATE DATA

| A     | B    | C           | D                       | E                          | F    | G    |
|-------|------|-------------|-------------------------|----------------------------|------|------|
| 1/8   | 3,0  | 2           | 0,908                   | 000924                     | 60,1 | 46,4 |
| 3/16  | 5,0  | 2           | 0,908                   | 000926                     | 30,0 | 20,2 |
| -     | 6,0  | 2           | 0,908                   | 000927                     | 26,1 | 17,5 |
| 1/4   | 6,5  | 2<br>5      | 0,908<br>2,270          | 000937<br>000941           | 23,0 | 15,5 |
| 5/16  | 8,0  | 2<br>5      | 0,908<br>2,270          | 001054<br>001055           | 14,2 | 9,5  |
| 3/8   | 9,5  | 2<br>5<br>7 | 0,908<br>2,270<br>3,175 | 000943<br>000944<br>000946 | 10,9 | 7,3  |
| -     | 10,0 | 2<br>5      | 0,908<br>2,270          | 000947<br>000949           | 10,6 | 7,1  |
| 7/16  | 11,0 | 2<br>5      | 0,908<br>2,270          | 000950<br>000952           | 9,0  | 6,0  |
| -     | 12,0 | 2<br>5      | 0,908<br>2,270          | 000953<br>000955           | 8,2  | 5,5  |
| 1/2   | 12,5 | 2<br>5<br>7 | 0,908<br>2,270<br>3,175 | 000956<br>000958<br>000959 | 7,1  | 4,8  |
| 9/16  | 14,0 | 5<br>7      | 2,270<br>3,175          | 001056<br>001057           | 5,5  | 3,7  |
| 5/8   | 16,0 | 7           | 3,175                   | 001058                     | 5,0  | 3,4  |
| 11/16 | 17,5 | 7           | 3,175                   | 001059                     | 3,9  | 2,6  |
| 3/4   | 19,0 | 7           | 3,175                   | 001071                     | 3,5  | 2,4  |
| 13/16 | 20,5 | 7           | 3,175                   | 001092                     | 2,8  | 1,7  |
| 7/8   | 22,0 | 7           | 3,175                   | 001093                     | 2,4  | 1,6  |
| 15/16 | 24,0 | 7           | 3,175                   | 001095                     | 2,0  | 1,3  |
| 1     | 25,5 | 7           | 3,175                   | 001096                     | 1,9  | 1,2  |

### KEY

- A** - Size/Inches
- B** - Size/Millimeters
- C** - Packaged at 10% Lbs.
- D** - Packaged at 10% Kg.
- E** - Reorder Product No.
- F** - Lengths per Weight Ft/Lb.
- G** - Lengths per Weight MM/Kg.

1400 is a CHESTERTON trademark.

## A.W. CHESTERTON CO.

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## 1400 APPROXIMATE DATA

| A     | B    | C           | D                       | E                          | F    | G    |
|-------|------|-------------|-------------------------|----------------------------|------|------|
| 1/8   | 3,0  | 2           | 0,908                   | 001548                     | 62   | 41,7 |
| 3/16  | 5,0  | 2           | 0,908                   | 001550                     | 33,3 | 22,4 |
| -     | 6,0  | 2           | 0,908                   | 001552                     | 23,9 | 16,1 |
| 1/4   | 6,5  | 2<br>5      | 0,908<br>2,270          | 001479<br>001480           | 22,8 | 15,3 |
| 5/16  | 8,0  | 2<br>5      | 0,908<br>2,270          | 001482<br>001483           | 18,5 | 12,4 |
| 3/8   | 9,5  | 2<br>5<br>7 | 0,908<br>2,270<br>3,175 | 001485<br>001497<br>001498 | 16,3 | 10,9 |
| -     | 10,0 | 2<br>5      | 0,908<br>2,270          | 001500<br>001501           | 9,5  | 6,4  |
| 7/16  | 11,0 | 2<br>5      | 0,908<br>2,270          | 001503<br>001504           | 8,1  | 5,4  |
| -     | 12,0 | 2<br>5      | 0,908<br>2,270          | 001506<br>001507           | 7,2  | 4,8  |
| 1/2   | 12,5 | 2<br>5<br>7 | 0,908<br>2,270<br>3,175 | 001509<br>001510<br>001511 | 6,1  | 4,1  |
| 9/16  | 14,0 | 5<br>7      | 2,270<br>3,175          | 001513<br>001514           | 4,7  | 3,2  |
| 5/8   | 16,0 | 7           | 3,175                   | 001516                     | 4,0  | 2,7  |
| 11/16 | 17,5 | 7           | 3,175                   | 001518                     | 3,4  | 2,3  |
| 3/4   | 19,0 | 7           | 3,175                   | 001520                     | 2,8  | 1,9  |
| 13/16 | 20,5 | 7           | 3,175                   | 001537                     | 2,5  | 1,7  |
| 7/8   | 22,0 | 7           | 3,175                   | 001539                     | 2,4  | 1,6  |
| 15/16 | 24,0 | 7           | 3,175                   | 001554                     | 2,3  | 1,5  |
| 1     | 25,5 | 7           | 3,175                   | 001546                     | 1,7  | 1,1  |

### Technical Data

#### 1400R/1400 TEMPERATURE LIMIT:

- 1200°F (650°C) steam service.
- 850°F (430°C) oxidizing atmosphere.

#### 1400R PRESSURE LIMIT:

- 4000 psi (275 bar)\* valves.
- 200 psi (15 bar)\* pumps.

#### 1400 PRESSURE LIMIT:

- 1200 psi (85 bar).
- 2500 psi (175 bar) with end rings.

#### 1400R/1400 CHEMICAL RESISTANCE:

- pH 0 - 14 except oleum, fuming nitric acid and aqua regia.

\*For pressure above 3600 psi (250 bar) contact A. W. Chesterton Application Engineering.