

1400R/1400™

Pump & Valve Graphite Tape Packing



*Easy
to use...
Easy
to remove*

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



Power

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

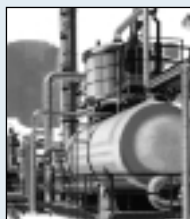
Sootblowers

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®



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	69.1	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 5	0,908 2,270	000937 000941	23.0	15,5
5/16	8,0	2 5	0,908 2,270	001054 001055	14.2	9,5
3/8	9,5	2 5 7	0,908 2,270 3,175	000943 000944 000946	10.9	7,3
–	10,0	2 5	0,908 2,270	000947 000949	10.6	7,1
7/16	11,0	2 5	0,908 2,270	000950 000952	9.0	6,0
–	12,0	2 5	0,908 2,270	000953 000955	8.2	5,5
1/2	12,5	2 5 7	0,908 2,270 3,175	000956 000958 000959	7.1	4,8
9/16	14,0	5 7	2,270 3,175	001056 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	2.6	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 ± 10% Lbs.

D – Packaged ± 10% Kg.

E – Reorder Product No.

F – Lengths per Weight Ft/Lb.

G – Lengths per Weight M/Kg.

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 5	0,908 2,270	001479 001480	22.8	15,3
5/16	8,0	2 5	0,908 2,270	001482 001483	18.5	12,4
3/8	9,5	2 5 7	0,908 2,270 3,175	001485 001497 001498	16.3	10,9
–	10,0	2 5	0,908 2,270	001500 001501	9.5	6,4
7/16	11,0	2 5	0,908 2,270	001503 001504	8.1	5,4
–	12,0	2 5	0,908 2,270	001506 001507	7.2	4,8
1/2	12,5	2 5 7	0,908 2,270 3,175	001509 001510 001511	6.1	4,1
9/16	14,0	5 7	2,270 3,175	001513 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 pressures above 3600 psi (250 bar) contact A. W. Chesterton Application Engineering.

1400 is a CHESTERTON trademark.

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