

1600

Advanced Valve Stem Packing

Superior emissions control over thousands of cycles

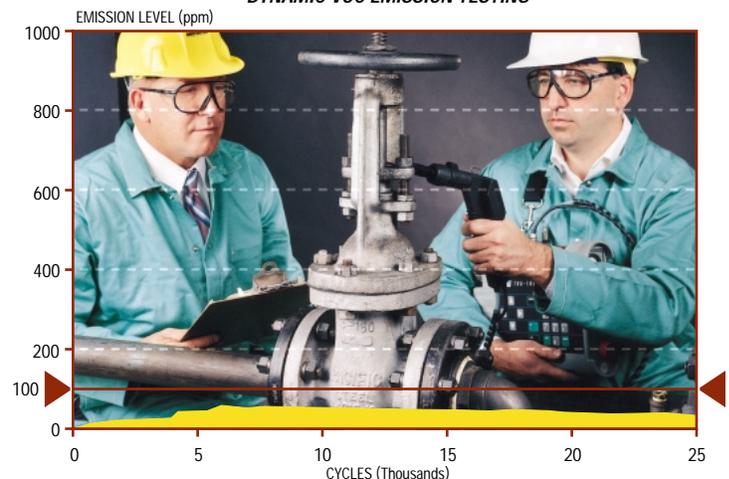
Fire safe: Successfully passed API 589 standards at API 607 temperatures and pressures as tested by an independent laboratory

Easy installation and extrusion resistance in a single-spool packing

Proven in high pressure/ high temperature steam service



DYNAMIC VOC EMISSION TESTING

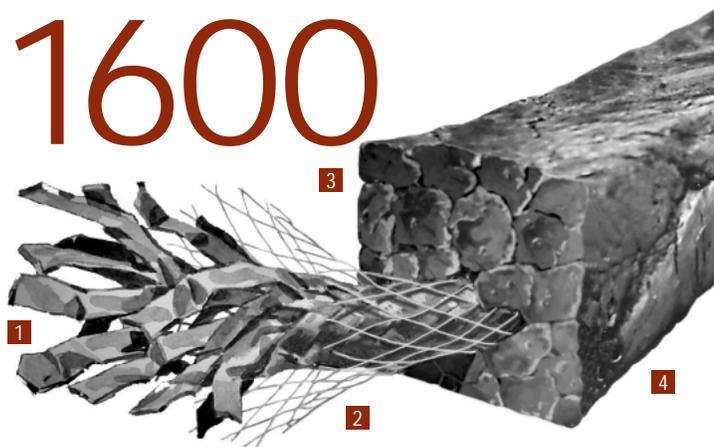


Low emissions zone below 100 ppm for CHESTERTON 1600

CHESTERTON®



CHESTERTON® 1600



Advanced, fire-safe, valve stem packing for emissions control services

The single-spool solution

CHESTERTON® 1600 Valve Packing provides users with a single, high performance packing solution. This exclusive packing is formable, yet tough. Rated in steam service to 8400 psi (580 bar); maintains integrity in steam up to 1200°F (650°C), or 850°F (450°C) in an oxidizing environment. 1600 is a cost-effective as well as a confident choice.

Exceptional leakage control

CHESTERTON 1600 features advanced construction for superior leakage control and high integrity.

- 1 Layers of graphite tape are plied into compact strands.
- 2 Each strand is reinforced with an Inconel* wire mesh covering.
- 3 Strands are square plait braided to form a dense but pliable packing, further enhanced with blocking agents.
- 4 The packing exterior is then densely impregnated with lubricating agents to reduce stem friction and a corrosion inhibitor to prevent pitting.

The result is a non-hardening, flexible packing that will not shrink or absorb moisture. The graphite layered tape strands within the braided plaits are able to slide over each other in response to gland pressure. A tight, emissions blocking seal is easily effected.

CHESTERTON 1601:

CHESTERTON 1601 has the same advanced construction, offering the same performance in steam services as 1600, but is uniquely formulated to meet the purity requirements of the Nuclear Industry. Certificate of Compliance and Test Analysis available upon request.

*Inconel is a registered trademark of International Nickel Co.

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FORM NO. 074432 REV. 4

1600 APPROXIMATE DATA

A	B	C	D	E	F	G
1/8	3,0	2	0,908	035002	74.1	49,8
-	4,0	2	0,908	035004	48.2	32,4
3/16	5,0	2	0,908	035006	37.2	24,9
-	6,0	2	0,908	035008	27.2	18,3
1/4	6,5	2	0,908	035010	23.4	15,7
		5	2,270	035011		
5/16	8,0	2	0,908	035013	14.8	9,9
		5	2,270	035014		
3/8	9,5	2	0,908	035016	10.2	6,8
		5	2,270	035017		
		10	4,540	035018		
-	10,0	2	0,908	035020	8.9	6,0
		5	2,270	035021		
7/16	11,0	2	0,908	035023	7.4	5,0
		5	2,270	035024		
-	12,0	5	2,270	035026	6.3	4,2
1/2	12,5	2	0,908	035028	5.6	3,8
		5	2,270	035029		
		10	4,540	035030		
9/16	14,0	5	2,270	035032	4.5	3,0
		10	4,540	035033		
5/8	16,0	10	4,540	035035	3.6	2,4
11/16	17,5	10	4,540	035037	3.1	2,1
3/4	19,0	10	4,540	035039	2.6	1,7
7/8	22,0	10	4,540	035041	1.9	1,3
1	25,5	10	4,540	035043	1.5	1,0

1601 APPROXIMATE DATA

A	B	C	D	E	F	G
1/8	3,0	2	0,908	034902	75.1	50,1
-	4,0	2	0,908	034904	55.8	37,5
3/16	5,0	2	0,908	034906	41.6	28,0
-	6,0	2	0,908	034908	30.5	20,5
1/4	6,5	2	0,908	034910	23.6	15,9
		5	2,270	034911		
5/16	8,0	2	0,908	034913	15.3	10,3
		5	2,270	034914		
3/8	9,5	2	0,908	034916	10.6	7,1
		5	2,270	034917		
		10	4,540	034918		
-	10,0	2	0,908	034920	9.2	6,2
		5	2,270	034921		
7/16	11,0	2	0,908	034923	7.8	5,2
		5	2,270	034924		
-	12,0	5	2,270	034926	6.5	4,4
1/2	12,5	2	0,908	034928	6.0	4,0
		5	2,270	034929		
		10	4,540	034930		
9/16	14,0	5	2,270	034932	4.7	3,2
		10	4,540	034933		
5/8	16,0	10	4,540	034935	3.8	2,6
11/16	17,5	10	4,540	034937	3.2	2,2
3/4	19,0	10	4,540	034939	2.7	1,8
7/8	22,0	10	4,540	034941	2.0	1,3
1	25,5	10	4,540	034943	1.5	1,0

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.

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