

1600

Graphite Valve Packing

Advanced Reinforced Exfoliated Graphite Packing

Chesterton 1600 packing is an off-the-spool nickel alloy wire-reinforced flexible graphite packing with blocking agents for multi-service performance.

1600 features layers of graphite tape, piled into compact strands. Each strand is reinforced with nickel alloy wire mesh covering. The strands are square plait braided to form a dense but pliable packing. The exterior of 1600 packing is impregnated with special lubricating agents to reduce stem friction and a corrosion inhibitor to prevent against pitting.

This results in 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.

Technical Data

Pressure Limit	580 bar g (8400 psig)
Temperature Limit	650°C (1200°F) steam; 455°C (850°F) oxidizing environment
Chemical Resistance	pH 0 – 14 except in strong oxidizers

Applications

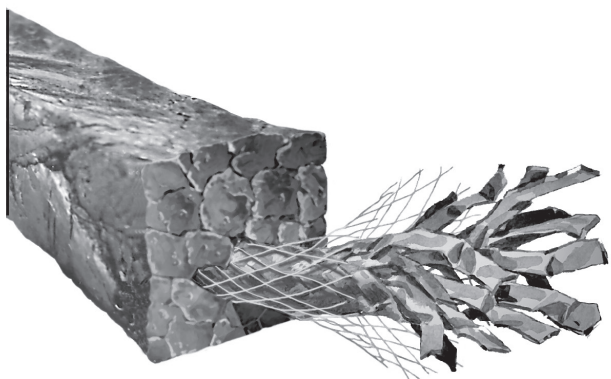
For use in block valves, as an end rings on control valves, motor-operated valves. All insulation valves.

Industries

Oil and Gas, Power Generation, Chemical to Pharmaceutical Manufacturing, and in many Manufacturing Mills.



- Extreme high-pressure capability
- Remains flexible in service
- Excellent sealing in many services
- Fire safe: passes API 589 standards at API 607 temperatures and pressure as tested by an independent laboratory
- Easy installation and extrusion resistance in a single-spool packing



Size		Packaged \pm 10%		Item Number
mm	Inch	kg	lbs	
3.2	1/8	0.908	2	035002
4.0	–	0.908	2	035004
4.7	3/16	0.908	2	035006
6.0	–	0.908	2	035008
6.4	1/4	0.908	2	035010
		2.270	5	035011
8.0	5/16	0.908	2	035013
		2.270	5	035014
9.5	3/8	0.908	2	035016
		2.270	5	035017
		4.540	10	035018
10.0	–	0.908	2	035020
		2.270	5	035021
11.0	7/16	0.908	2	035023
		2.270	5	035024
12.0	–	2.270	5	035026
12.7	1/2	0.908	2	035028
		2.270	5	035029
		4.540	10	035030
14.0	9/16	2.270	5	035032
		4.540	10	035033
16.0	5/8	4.540	10	035035
17.5	11/16	4.540	10	035037
19.0	3/4	4.540	10	035039
22.0	7/8	4.540	10	035041
25.4	1	4.540	10	034943

Chesterton ISO certificates available on chesterton.com/corporate/iso

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