






API LOW EMISSION PACKING SET 4337

Braided from specially formulated expanded graphite, reinforced with a proprietary inconel wire matrix and impregnated with a high Sealability Compound and a Passive Corrosion Inhibitor

Characteristics

- Extrusion and blow out stability through ultrafine Inconel metal mesh reinforcement on each braided strand
- Non-hardening, excellent long term sealability
- Minimal Volume loss at temperature
- Coefficient of thermal expansion close to steel
- Easy to install and easy to remove
- Average Emission of only 5 PPMv Methane according to API 622 3rd edition test

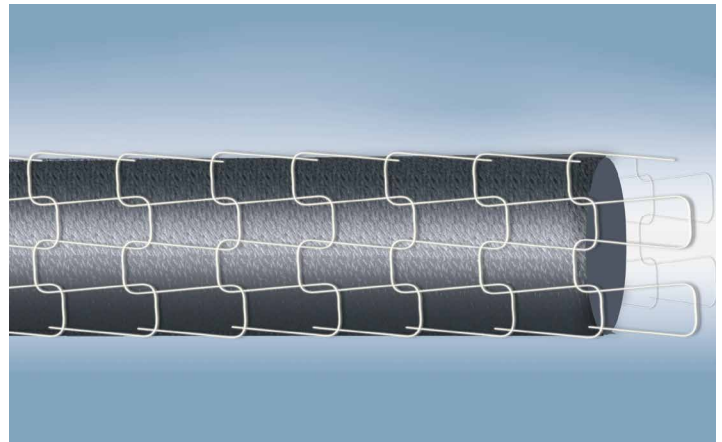
Operating range

			
p _{max} [psi]			7250
t °F	-330	... +570	
pH	0	- 14	

Main application

This packing set was specifically formulated to minimize fugitive emissions and exceeds current emission regulations for valves in

- HPI & CPI Industries
- Powerplants
- General Industries



Approvals

- API 622 3rd edition Emission Test 500 °F / 595 psi
- API 607 7th edition Firesafe Test, ISO 10497 : 2010
- BAM approval for use in Oxygen at 140 °F / 290 psi

Fire Test Report ANSI/API Standard 607, 7th Edition, 2016 ISO 10497: 2010
Performed for AESSEAL Packing Division Rudolf Diesel Ring 26a D-82054 Sauerlach
API Packing Set 4337 Tested in a 4 inch Class 300 Valve Project Number: 219567 Test Date: February 25, 2020
Performed by YARMOUTH RESEARCH AND TECHNOLOGY, LLC

API Standard 622 Test Report "Type Testing of Process Valve Packing for Fugitive Emissions" Third Edition, 2018
Performed for AESSEAL Packing Division www.aesseal.com
API Ringset 4337 (343/337/337/337/343) Project Number: 219566 Test Start Date: March 2, 2020
Performed by YARMOUTH RESEARCH AND TECHNOLOGY, LLC

Form of delivery

The rings of the API Packing Set 4337 are delivered with 45 degree skive cut for easy installation. They will be precompressed for best performance. We have approx. 2,000 dies available in metric and imperial sizes.

Both packing styles of API set 4337 are as well available on spools in common cross sections.



All technical information and advice is based on our experience and will be given most conscientiously but without any liability.

Indication and figures are for guidance only and need to be examined by the user. All sizes are subject to manufacturing tolerances. We reserve the right to modify specifications at any time. Please note that the technical values cannot be used all at the same time in their maximum values.