Low-Emission (LE) Product Guide



The best packing for fugitive emission control in manual and automatic valves

STYLE[°] 2236

Valve Stem Packing, Flexible Graphite, Inconel®

APPLICATION / BENEFITS: Style 2236 is ideal for valves and can be used within a broad range of applications. It is well suited for power plants, refineries, petrochemical industries, chemical processing as well as sealing applications in steam at high pressure and temperatures.

This product is self-lubricating, non-hardening, dimensionally stable and resistant to gases and fluids as well as heat, pressure and chemicals. The Inconel® filament jacket affords mechanical stability and resists extrusion. The advanced construction provides leakage control and has high integrity in steam service.



- » API 624
- » ISO 15848





** Subject to change depending on tolerance expected +/-10%.

— Low Emission Technology — API 622 Maximum 22 ppmv in 1,500 cycles and with an average of 2 ppm

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ECOTAPE-LE

Thread seal tape made from Expanded PTFE combined with Graphite.

ECOTAPE-LE is manufactured to provide an advanced structural matrix which incorporates Graphite into the Expanded PTFE. Due to the excellent properties of PTFE and graphite, this combination ensures a wide degree of chemical resistance, low coefficient of friction, excellent heat dissipation due to the high thermal conductivity of graphite and superior mechanical resistance.

Our unique manufacturing process provides the final product a high degree of integrity proven to supply the best sealing solution for thread seal tape.





SERVICE LIMITS			SUPPLY	
Temperature Limits		Spool Wid	Spool Width	
Maximum	535 F (280°C)	width	5/8 in(15.8mm)	
рН	0-14	length	82 ft (25m)	

STYLE 913M-LE

Low Emission Spiral Wound



Reliability - High Pressures
Sealability - Very Low Emission

The **Style 913M-LE** spiral wound gasket is a major improvement on the traditional ASME B16.20 design. Where the traditional design is based primarily on dimensional criteria, the 913M-LE takes this and adds proven low-emission performance. Teadit Research & Development has discovered that density of the sealing element, a well-defined preformed metallic strip, and an enhanced soft filler material configuration, along with mandatory outer and inner rings, together play key roles in achieving sealing ability which can meet even the most stringent fugitive emission requirements. Furthermore, the design provides low-emission performance at a level significantly below the minimum ASME seating stress rating for spiral wound gaskets – making the 913M-LE a truly low seating stress design!



Spiral Wound: Conventional vs. New Technology - Metalflex 913M-LE Increase of metal windings, higher density

* Material and Dimension per ASME B 16.20.

Teadit is a global leader in the development and production of a broad range of sealing solutions. Our mission is to assist you in achieving leak-free and low-emission levels of performance.



The application parameters indicated in this brochure are typical. Specific applications should be looked at independently for an evaluation on compatibility. Please consult Teadit engineering for recommendations about specific use.



Sealing for a Safer and Greener Tomorrow

Teadit Indústria e Comércio Ltda.

Av. Pastor Martin Luther king Jr. 8939 Colégio - Rio de Janeiro - RJ - 21530-012 Phone: (55-21) 2132-2500 Fax: (55-21) 2132-2550 Email: dvrj@teadit.com.br

Teadit Juntas

Av. Mercedes Benz, 390 - Distrito Industrial Campinas - São Paulo - 13054-750 Phone: (55-19) 3765-6501 Fax: (55-19) 3225-5614 Email: juntas@teadit.com.br

Teadit Argentina

Alvarez Thomas 2150 Valdenegro 3163/67 AR- C1431ACI Buenos Aires Phone: +54 - 11 - 4543 4849 Fax: +55 - 19 - 3225 5614 Email: ventas@teadit.com.ar

Teadit North America, Inc.

10545 Red Bluff Rd US- Pasadena, TX, 77507 Phone: 281-476-3900 Fax: 281-476-3999 Email: sales@teadit.com

Teadit Germany GmbH

Schanzenstrasse 35 DE-51063 Köln Phone: +49-221-922 342-0 Fax: +49-221-922 342-22 E-mail: germany@teadit.eu

Teadit Internacional Produktions GmbH

Rosenheimer Str. 10 A-6330 - Kufstein - Austria Phone: +43-5372-64020-0 Fax: +43-5372-64020-20 Email: austria@teadit.eu

Teadit Packing & Gaskets Pvt Ltd.,

E-75, GIDC Savli , Village Manjusar, Dist Baroda, Gujarat, India - 391775 Phone: +91 2667264017 Email: brd@teadit.in