

STYLE 2235

Valve Stem Packing, Flexible Graphite, Inconel® Wire Jacket

CONSTRUCTION:

Style 2235 packing is manufactured from high purity flexible graphite tape plied into compact strands. Each filament is encapsulated by an Inconel® wire jacket, supplied with a corrosion inhibitor. The strands are then square braided to form a dense yet malleable packing. Additionally, it is also impregnated with a minimal amount of lubricating agents to reduce stem friction.

APPLICATION / SERVICE:

Style 2235 is ideal for steam service, and can be used within a broad range of applications. It is well suitable for power plants, refineries, petrochemical industry, chemical processing as well as sealing applications in steam at high pressure and temperature.

BENEFITS:

Style 2235 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 extrusion-proof, while the advanced construction provides leakage control and high integrity in steam service.

NOT SUITABLE FOR:

Highly oxidizing agents .

SERVICE LIMITS:

Temperature Limits		Pressure Limits	
Minimum	-400°F (-240°C)	Static	6500 psi (450 bar)
Maximum	842°F (450°C)		
Steam	1202°F (650°C)	pH	0-14*

*except strong oxidizers



STANDARD PACKAGE:

Size	Ft/Lb	93	40.2	22.6	14.9	10.3	7.6	5.8	4.6	3.7	3	2.6	1.9	1.4
	inch	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	1
Standard Package (±10%)		1 Lb (0.5 Kg)	2 Lbs (1 Kg)	5 Lbs (2 Kg)			10 Lbs (5 Kg)							

Properties and application parameters shown throughout this data sheet are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult TEADIT. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications are subject to change without notice; this edition cancels all previous issues.

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