

TEADIT® 2848

Fully Traceable Fugitive Emissions Packing

Construction:

Teadit® 2848 is braided from a proprietary yarn made from flexible graphite reinforced with an innovative polymeric structure. This design allows the packing to meet the strict fugitive emissions service requirements without the need for metallic reinforcements, commonly used on this type of service.

Each yarn is embedded with Teadit® Tags in its polymeric structure that are inseparable from the packing and create a uniquely identifiable fingerprint.

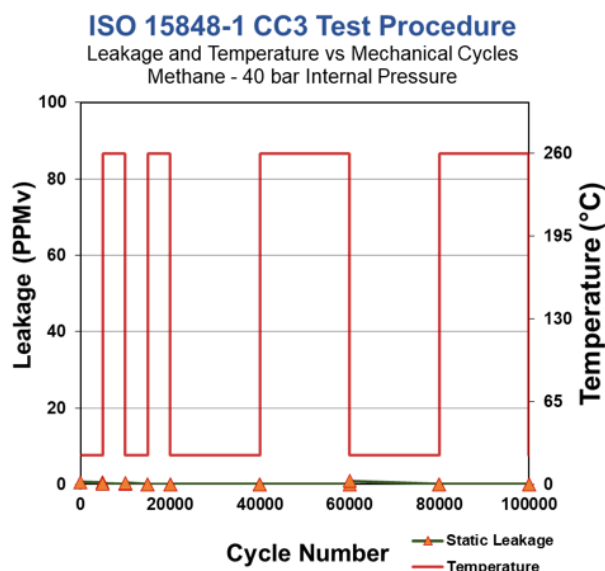


Properties:

Teadit® Tags allow Teadit® 2848 to be identified in any situation – even when both packing and valve tags are lost! This unique fingerprint avoids warranty claim complications that often emerge from wrong product identification. Thanks to the polymeric reinforcement mesh that replaces the usual metallic material, this packing style leads to lower friction. This further improves control valve accuracy and allows for valves with smaller actuators (or handwheels).

Application:

Teadit® 2848 is a Low-Emissions packing designed for control and isolating valves alike. For control valves, it has proven performance on ISO 15848-1 most stringent test procedure, CC3. The packing maintained less than 2 ppm leakage even after 100,000 mechanical cycles and 4 thermal cycles. As for isolating valves, it has achieved success on API 622 3rd edition, with a leakage below 2 ppm even after 1,510 mechanical cycles and 5 thermal cycles.



Technical Data:

Process Temperature	Minimum	-240° C
	Maximum	455° C
Pressure		255 bar
pH		0-14

Supplied in spool format in all standard square sizes and available as preformed sets.

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.