

Ceelon® Twineflon

Dynamic Universal P.T.F.E Thread Sealant

Product Overview

Ceelon® Twineflon is a revolutionary, patented, monofilament pipe thread sealant made of a single strand of 100% Polytetrafluoroethylene (P.T.F.E.) for sealing metal & plastic threaded pipe joints.

Ceelon Twineflon is a dynamic sealant which adjusts its state during installation, creating a perfect seal by calandering the P.T.F.E. into a film of the exact thickness required between the two pipe ends.

Features and Benefits

- Ceelon Twineflon remains functionally stable in a temperature range from -200°C to $+240^{\circ}\text{C}$.
- Ceelon Twineflon is absolutely chemically resistant to the most aggressive chemicals, solvents, fuels and acids.
- Ceelon Twineflon replaces all other sealants and tapes on all threads and is easier and quicker to install than other sealants.
- Ceelon Twineflon is a non hazardous material with no limitation on shelf-life.
- The monofilament of P.T.F.E. is completely resistant to surface fouling, oxidation, embrittlement, fungal or bacterial growth, enzymatic or microbiological attack.
- Ceelon Twineflon is absolutely inert while remaining soft and pliable throughout its life.
- Ceelon Twineflon does not affect the process fluids in the pipes.
- Twineflon is P.T.F.E. and this is the seal. It does not require the presence of additives to function as a seal.
- Ceelon Twineflon is economical in use providing low cost per seal for maximum performance and economy.

Directions for Storage and Use

- At the end of the thread, wrap in an overlapping haphazard fashion in the direction of the thread.
- Cover the first 10 to 15mm of the thread then cut the Twineflon with the integral, 360° cutter.
- Smear 2 or 3 drops of installation aid (non-hazardous & biodegradable) over the Twineflon.

Specifications

- DIN-DVGW for gas and water installations according to EN751-3 FRp and GRp and DIN 30660 (NV-5143BP0261).
- DIN-DVGW tested & approved for pipe adjustments up to 45° .
- DVGW tested & approved up to 100 bar at 23°C in accordance with EN751-3 test protocol.
- ASTM
- 100% Pure P.T.F.E

Pack Sizes

Pack Size	Part Code
Each (175metres)	TCELSEALANT-175

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Typical Properties

Property	Test Method	Result
Appearance	Visual	White, stringy
Base Type	N/A	Monofilament of PTFE
Temperature Range	N/A	-200°C to +240°C
Steam & Cold Water Cycle Test	ASTM F423	Pass
Guidelines for number of wraps:		
	0.5" diameter pipe	12 (Fine threads) to 18 (Coarse threads)
	1.5" diameter pipe	16 (Fine threads) to 24 (Coarse threads)

Values quoted above are typical and do not constitute a specification.

