



HD W1 Thread Sealing Tape

Special thread tape made from insintered expanded PTFE (ePTFE)

Characteristics

- High density and strength properties
- HD Tape plies during the wrapping in the thread and forms a dense PTFE film, which does not harden and stays flexible
- Immediate after connection of the construction parts it is possible to turn them 45° back for alignment.
- Chemically inert and does not react with steam, water, fuel, acids, gases or solvents.
- Once applied the connection can be disassembled
- Fretting of the threads is practically impossible

Operating range

t °F	-400 ... +500
p [psi]	Vacuum ... 2470
pH	0 - 14

Physical properties

Color: bright yellow
 Thickness: 0.1 mm / 0.004"
 Area weight: 125 g/m / 0.084 lb/ft
 Classification: GRp
 Tension strength: 9 - 14 MPa
 Nominal width: 10 < DN < 50

Main application

- For sealing all kind of thread connections as per ISO 7-1, classification GRp, with possibility of limited reverse rotation of conical/cylindrical (R/Rp) threaded connections
- Pipe connections in chemical industry, gas and water supply, hydraulics and pneumatics

Suitable for

- All Industries

Approvals

- BAM for gaseous oxygen
- FDA conform as per FDA 21 CFR 177.1550

Form of delivery

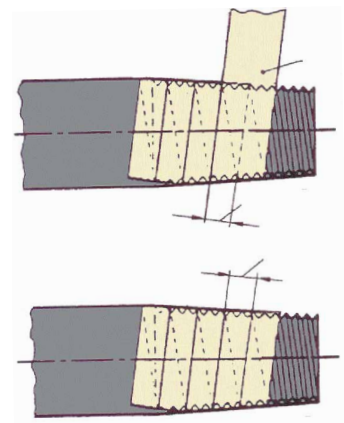
- 1/2" tape: 1/2" wide and 39 ft length per roll
- 1" tape: 1" x 0.008" wide and 66 ft length per roll
- 1 order unit is 10 rolls

Material of construction

- 100% virgin, unsintered PTFE
- Homogenous fiber structure with high density.
- Chemical inert with the exception of molten Alkalimetal and elementary Fluor

Assembly

Wrap PTFE tape clockwise, starting at the thread end, around the pipe thread. Coarse threads we recommend 50% overlap (see pic right).
 Stretch the tape so it plies in the form of the thread.
 When finished tear of the tape and check that it stays in position.



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.

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