

0.1 mm sealing tape

Description and applications

The Elring PTFE sealing tape ensures a reliable, long-lasting seal for any size and any thread type.

Its applications include thread seals in the mechanical engineering and chemical industries.



1. General product information

Certified product according to the DIN EN 751/3 standard and F.D.A and W.R.C. regulations

Composition	100% PTFE (polytetrafluoroethylene), not sintered
Density	0.40 g/cm ³
Temperature resistance	-200°C to +280°C
pH resistance	pH 0 - 14
Pressure resistance	Up to 210 bar
Resistant to	Chemical products, solvents, water, air, gas and hydrocarbons. Excluded are alkaline materials under special conditions
Range of applications	Thread seals in the mechanical/fittings/apparatus engineering, control technology and chemical industries
Conformity	F.D.A. (Food and Drug Administration) W.R.C. (Public Water Supplies Approved Products) DIN EN 751/3

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2. Application

The thread must be clean, with any grease removed. Starting from the thread run-out and moving towards the end of the pipe, wind the PTFE sealing tape around the thread, winding it clockwise for right-hand threads and anti-clockwise for left-hand threads. Make sure the tape is wound tightly around the entire thread with an overlap of 50%. The tape must mould itself to the shape of the thread, remain in position, and must not roll off, tear or fall apart.

3. Delivery form

Item no.	Package content	Dimensions (WxL)	Colour	Packaging unit
498.701	Roll	12 mm x 12 m	White	10 units

4. Exclusion of liability

The aforementioned details in this technical data sheet, in particular suggestions for processing our products and their applications, are based on our current knowledge and experience. As a result of the varied possible uses and the fact that the usage and working conditions are outside our area of influence, we accept no liability for the suitability of our products for a particular production process under specific working conditions, or for the intended processing purposes and results. To ensure suitability, we recommend that adequate independent trials and tests are always performed in advance.

Any liability resulting from the information in this technical data sheet and from other written or verbal advice for the product in question is explicitly excluded, unless a case of injury, death or health problems arises, there is intent or gross negligence on our part, or we are subject to liability under mandatory product liability law.

5. Other

The limit values for the operating temperature and pressure can apply individually, but not in combination with one another. They depend on a variety of factors (the condition of the connections, torque, and any thermal shocks or mechanical impacts) and are thus merely guideline values. The details provided in this sheet reflect typical product properties and should not be considered a guarantee.