



**FLEXITALLIC  
THREAD SEAL  
TAPE**

**FLEXITALLIC LIMITED**

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**PRODUCT  
REFERENCE:**

**FLEXITALLIC Thread Seal Tape (JCTA series)**

**DESCRIPTION:**

**Flexitallic Thread Seal Tape is a high quality PTFE thread seal tape complying with the requirements of BS 7786 Grade L. It is manufactured from 100% virgin PTFE and is WRC approved for use with potable water. The residual lubricant content is less than 0.1 % by wt.: in accordance with BS 7786 this means that the tape is suitable for use in oxygen service.**

**COLOUR:**

**White**

**SERVICE:**

**Flexitallic Thread Seal Tape is resistant to attack from a wide range of chemical media including strong acids, alkalis and organic solvents. It is suitable for use on threaded connections of any material up to 15 mm nominal bore.**

**Flexitallic Thread Seal Tape has been specially formulated to seal both gaseous and liquid media. It is recommended for sealing against compressed air, nitrogen, oxygen, saturated steam and potable water. Flexitallic Thread Seal Tape satisfies the requirements of BS 7786 Grade L and complies with BS 4375 (29 bar/1/4" BSP single wrap).**

**Recommended temperature range : -240°C (-400°F) to 260°C (500°F)**

**Maximum recommended pressure : Thread type, size, quality**

**WRC Approved for use with potable water : Approval No. 9810505**

**These temperature and pressure guides cannot necessarily be used simultaneously.**

**TYPICAL PHYSICAL PROPERTIES:**

<b>Nominal thickness</b>	<b>mm</b>	<b>0.075</b>
<b>Density</b>	<b>gcm<sup>-3</sup></b>	<b>0.4 to 0.5</b>
<b>Residual lubricant content</b>	<b>% wt.</b>	<b>≤ 0.1</b>

**AVAILABILITY:**

**Supplied on sleeved spools.**

**Nominal length 12 m**

**Nominal width 12 mm, 19 mm and 25 mm**

**Special sizes may be available on request.**

**PDS 171 01/08**

**This Data Sheet refers to the material as supplied. The information contained herein is given in good faith, but no liability will be accepted by the Company in relation to same. We reserve the right to change the details given on this Data Sheet as additional information is acquired. Customers requiring the latest version of this Data Sheet should contact our Applications Engineering Department.**

**The information given and, in particular, any parameters, should be used for guidance purposes only. The Company does not give any warranty that the product will be suitable for the use intended by the customer.**

## **HEALTH AND SAFETY**

***Because of the nature of the material the product is believed to present no health and safety hazard and, under normal handling and use it is unlikely that the product will give rise to significant levels of exposure to constituent materials.***

***Flexitallic Thread Seal Tape contains PTFE and a small amount of processing lubricant.***

***Good standards of hygiene should be applied during handling and installation, any waste generated should be disposed of by transfer to a site appropriately licensed to accept industrial materials of this nature.***

***Although the material is inherently flame resistant, at elevated temperatures or in a sustained fire, decomposition will occur and give rise to irritant and in some instances harmful or toxic fumes.***

***For more detailed information reference must be made to our Health and Safety Bulletin, Sections 1, 2, 2.10, 3 and 3.4. This will enable you to carry out any necessary assessment of risk which may be required under national or local legislation.***