

# CORE Pipe Sealing Cord Data Sheet



CORE Pipe Sealing Cord, is a threaded pipe and fitting cord sealant, suitable for potable water applications, the cord is released easily from from our tub with in built cutter on to pipe threads. We recommend our Pipe Sealing Cord for creating a non leak barrier on any plastic and metal tapered pipe threads and fittings up to 4"nb/ 114od. It is best suited for commercial and domestic applications for any pipework including potable water and comes with full WRAS approval. Our cord is really effective for threaded pipework that require immediate use, the cord will allow small adjustments before its quick drying time before use. The product can be used in applications up to 149°C.

## PRODUCTION INFORMATION:

Appearance: White coloured, coated cord.  
Physical state: Paste  
Odour: Slight, Acrylic  
Vapour pressure: Less than 0 mm Hg at 20°C  
Boiling point/range: 150°C  
Specific gravity: 1.25  
Vapor density: <1 (air equals 1)  
Solubility in water: Partly soluble  
VOC content: 1%; 12.75 grams/litre



## DIRECTIONS FOR USE:

1. Clean your pipework with a wire brush before any CORE Pipe Cord is applied.
2. Unscrew the lid and pull out the end of CORE Pipe Sealing Cord ensuring you have enough to start wrap ping around the male nipple, hold the end of the CORE Pipe Sealing Cord with your thumb around two threads away from the end.
3. Start winding the cord onto your pipe in the same direction of the pipe thread helix starting from the end of the pipe. PLEASE NOTE, it is not necessary to follow the valley of the thread. For best results, the grooves of the pipe thread should be filled without completely masking the pitches of the thread. Take care to not apply too much CORE Pipe Sealing Cord. Excessive pipe cord will prevent the pipe fitting being screwed in and can cause the cord to come loose from the pipe. You will also find it more difficult to seal your fitting.
4. Once you have placed the cord on your pipe work, you can cut the cord using the inbuilt cutting tool in our CORE tub and then smooth the loose end onto the pitches of the pipe thread, this can then be resealed ready for its next use.
5. Once you have tightened the CORE Pipe Sealing Cord it can still be adjusted by approximately 45°.

## USAGE/APPLICATION INFORMATION

The following is a guideline for how much CORE Pipe Sealing Cord to use per pipe diameter.

Size	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"
Turns	6-8	7-9	8-12	10-15	15-25	20-30	25-35	30-40	34-45

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## TEST SPECIFICATION

EN-751-2: 1996 - Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water. Part 2: Non-hardening jointing compounds.

DVGW LW-BU0023, DIN CERTCO PL121 & DIBt SAC 08 - Tightness test following ASTM D 1599 on 3/8 NPT Fittings with CORE Pipe Sealing Cord.

Specimen-no	Test Presurre	Remarks
V008/24-3/8-T-2	1010	No leakages occurred
V008/24-3/8-T-3	1010	No leakages occurred
V008/24-3/8-T-4	1010	No leakages occurred
V008/24-3/8-T-5	1010	No leakages occurred
V008/24-3/8-T-6	1010	No leakages occurred
V008/24-3/8-T-6	698	Leakage at 698 bar (without CORE)

## STORAGE:

We recommend to store CORE Pipe Sealing Cord in its unopened state in a cool and dry location. Optimal storage is 8°C to 21°C. Storage below 8°C or greater than 28°C can affect product performance.

When ends of the Pipe Cord have been cut off do not return these off cuts back into the tub they should be disposed of according to local authority regulations.

**Disclaimer:** The information within this document is believed to be correct at the time of publication; however, the document is for guideline use only. For complete accuracy, always check the product with a representative. Missing information was either not available or disclosed. It is your responsibility that any product meets the necessary requirements. Any reliance placed upon this information will be totally at the user's risk.