

PRODUCT DESCRIPTION:

Pipe sealing cord is a general purpose, threaded pipe and fitting sealant which is wound from the dispensing package onto the threads of the pipe. It is supplied in containers, which serve for both storage and dispensing purposes. Recommended for sealing metal and plastic tapered pipe threads and fittings up to 4" NPT (National Pipe Thread) for use in industrial applications in aqueous and non-aqueous fluids. Particularly suitable in threaded assembly applications that require immediate use and may undergo small readjustments before use. This product is typically used in applications up to 149 °C.

COMPOSITION INFORMATION:

	Epsilon-Caprolactam	Calcium carbonate	Paraffin	White mineral oil	Others
CAS	25038-54-4	471-34-1	8002-74-2	8042-47-5	/
Percentage	40~50	20~30	15~25	10~15	5~10

PRODUCTION INFORMATION:

Appearance: White colored, coated cord.

Physical state: Paste

Odor: Slight, Acrylic

Vapor pressure: Less than 0 mm Hg at 20°C (68°F)

Boiling point/range: 150°C (302°F)

Melting point/range: Not available

Specific gravity: 1.25

Vapor density: <1 (air equals 1)

Evaporation rate: Not available

Solubility in water: Partly soluble

Partition coefficient (n-octanol/water): Not available

VOC content: 1%; 12.75 grams/liter

DIRECTIONS FOR USE:

1. Clean parts with a wire brush prior to application of product.
2. Hold the end of the Pipe Sealing Cord against the male nipple with one finger approximately two threads away from the end.
3. Wind the fiber onto the pipe threads in the same direction of the thread helix starting from the end of the pipe. For optimum performance, the grooves of the threads should be filled without completely masking the pitches of the thread.

NOTE: It is not necessary to follow the valley of the thread.

4. CAUTION: Do not over-apply the Pipe Sealing Cord. Excessive material tends to be pushed off as fittings are assembled, and it also becomes mechanically more difficult to complete the engagement.
5. Cut the required length off with the integrated cutting tool and smooth the loose end onto the pitches of the pipe thread.
6. The cord can be adjusted up to 45° after tightening.

USAGE/APPLICATION INFORMATION

The following is a guideline for how much 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

STORAGE:

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties. Material removed from containers may be contaminated during use. Do not return product to the original container.

PRODUCT PICTURE:

