



# KOLMAT® FLON-100

**PTFE THREAD SEALING CORD FOR SEALING CONICAL METAL AND PLASTIC THREADED CONNECTIONS**



## PRODUCT DESCRIPTION

PTFE thread sealing cord for sealing conical metal and plastic threaded connections





## FIELD OF APPLICATION

Suitable for (drinking)water (cold & hot), steam, gas, LPG, fuels, solvents, (compressed) air, oxygen and acids and bases. Applicable for e.g. copper, brass, (galvanized) steel, stainless steel, chrome, zinc, PVC, CPVC and ABS. Gas: up to 20 bar pressure at -20°C - +125°C. Water (steam): up to 16 bar pressure at +95 °C, up to 7 bar pressure at +130°C.

## PROPERTIES

- 100% PTFE
- Re-adjustable (45°)
- Chemical resistant
- Mould resistant
- UV resistant
- Removable
- Immediately loadable

## CERTIFICATES & STANDARDS

Certificates	
	Gastec QA: Screw thread sealant for gas-tight sealing of metal threaded pipe joints, class 20 bar. Certificate Q 96/055 based on GASTEC QA demands 31-3.
	KVBG/ARGB: complies with demands.
	DVGW: Sealing product for threaded connections in gas-und (drinking) water installations. Certificate NV-514BP0261
Standards	
	EN 751-3: Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gasses and hot water. Part 3 Unsintered PTFE Tapes.

## APPLICATION

### Directions for use:

1) Start at the end of the tube and wrap the cord in the thread direction tightly on the screw thread. Overlap regularly. Apply sufficient cord in order to obtain a good seal mainly at the beginning of the tube (10-15mm). 2) Using the dispenser apply 2-3 drops of liquid to the cord and spread it with your finger over the entire surface. 3) After assembly do not turn back more than 45° (1/8 turn).

## TECHNICAL SPECIFICATIONS

Chemical base:	PTFE
Chemicals resistance:	Very good
Colour:	White
Minimum temperature resistance:	-200 °C
Maximum temperature resistance:	240 °C
Water resistance:	Very good

## STORAGE CONDITIONS

Shelf life: At least 36 months after production.  
Stored in unopened packaging between +5°C and +25°C.  
Close packaging properly after use and store in a dry, cool, and frost-free location.  
Limited shelf life after opening.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.