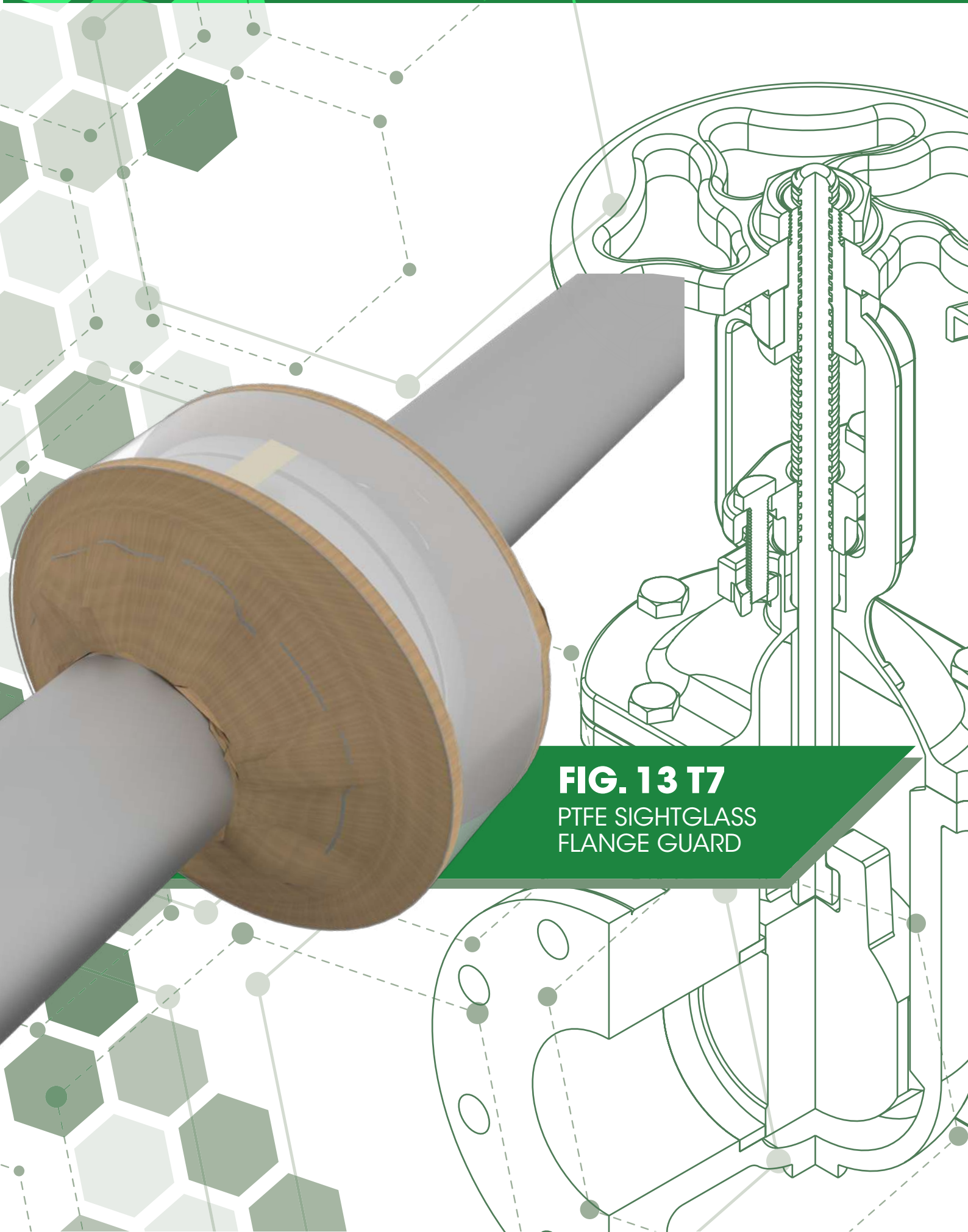




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**KTN**  
Kara Technology News



**FIG. 13 T7**  
PTFE SIGHTGLASS  
FLANGE GUARD

Ideal for Acid / Caustic / EI15 Oil and Diesel mist prevention

# KTN PTFE SIGHTGLASS FLANGE GUARDS:

The **PTFE shield (KTN 13 T7)** is a high-performance safety device designed to prevent hazardous leaks and sprays from flanges in piping systems. Here are the key features and benefits:

## Material Composition

- **Woven Teflon Coated Fibreglass Fabric:** Provides excellent strength and durability.
- **Central Teflon Scrim:** Enhances structural integrity.
- **UV Resistance:** The material is inherently resistant to Ultra-Violet radiation, ensuring long-term performance even in outdoor environment

## Leak Detection

- **Litmus Leak Indicator Patch:** Integrated within a clear Teflon window, this patch changes color to indicate the presence of leaks. It turns red for acidic leaks and green for alkaline leaks .

## Fastening System

- **Velcro Strip:** Allows for easy and secure fastening.
- **Braided 100% Teflon Coated Fibreglass Draw String:** Ensures a tight fit by drawing the fabric over the flange bolts towards the pipe wall, effectively eliminating lateral spray out.

## Design and Functionality

- **Pressure Release:** The design allows leaks to be released safely, preventing pressure build-up within the shield.
- **Ease of Installation and Removal:** No special tools are required, making the shield easy to install and remove. It can be reused even after a leak, providing a long-term solution

## Temperature and Chemical Resistance

- **Temperature Range:** Suitable for use in environments ranging from -35°C to +230°C.
- **Chemical Resistance:** Highly resistant to acids, alkaline media, and UV rays, making it ideal for aggressive industrial environments.

The KTN 13 T7 PTFE shield is a reliable and efficient solution for ensuring safety in industrial piping systems, meeting regulatory standards and providing peace of mind.

## KTN 13 T7

PTFE flange guard with sightglass

| GENERAL SPECIFICATIONS |                                                      |
|------------------------|------------------------------------------------------|
| Cloth                  | PTFE coated fibreglass                               |
| Stitching              | PTFE coated fibreglass                               |
| Pull cords             | PTFE coated fibreglass                               |
| Max. Temperature       | 232 Deg C                                            |
| Flange Ratings         | ANSI 150 – 600lb<br>DIN PN6 – PN64<br>BS Table A – T |
| Sizes                  | ¼" – 24" +                                           |
| Joint/Connection type  | Flanges, Valves, Couplings,<br>Elbows, Tees and more |
| Leak Detection         | Included (PH dependant)                              |
| Typical Applications   | Oil (fuel,lube,seal)<br>Acids, Caustics, Corrosives  |

