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KTN
Kara Technology News

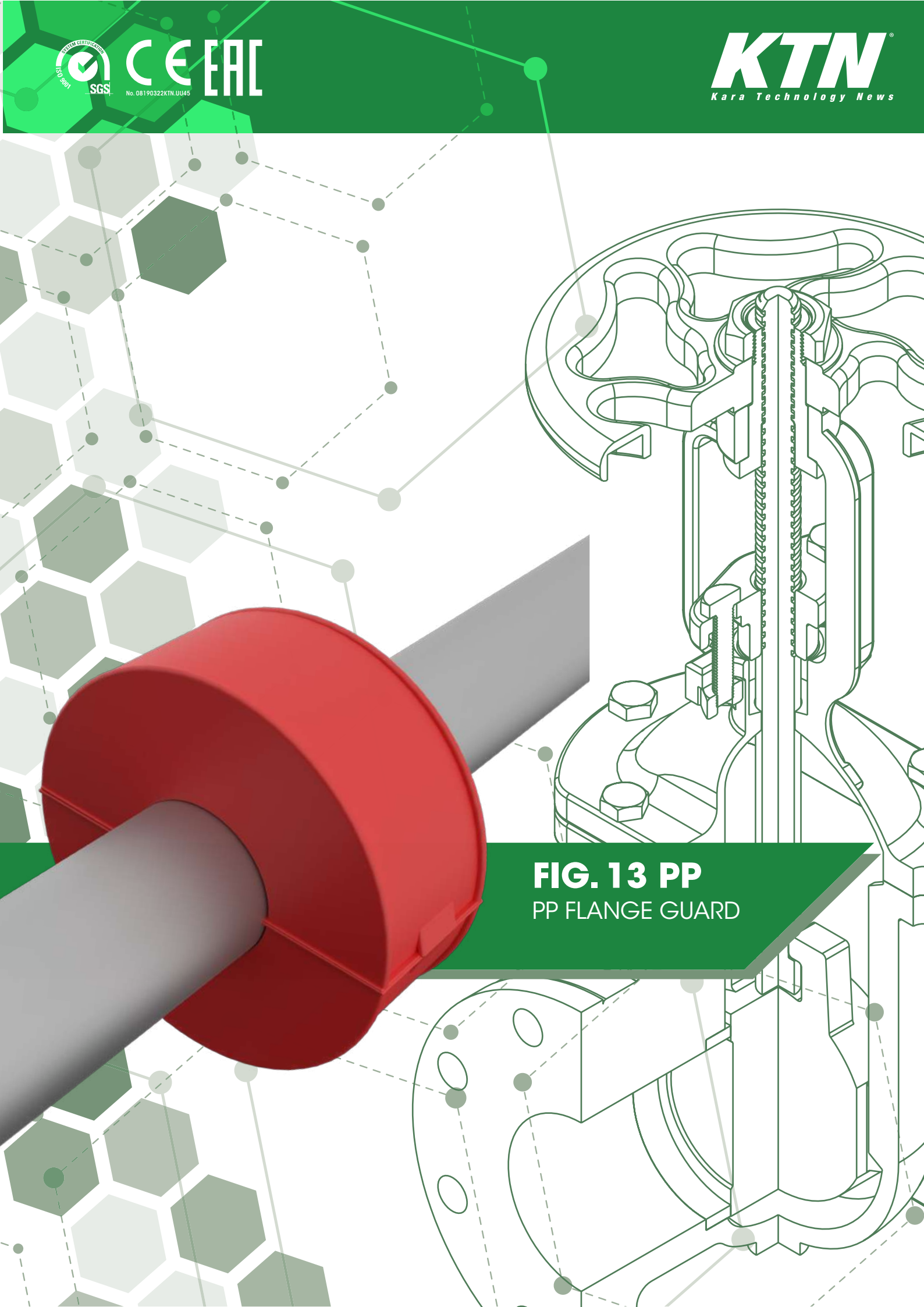


FIG. 13 PP
PP FLANGE GUARD

Ideal for Acids / Sea water / Chemical solutions / Transfer areas

KTN PP FLANGE GUARDS:



The polypropylene flange guard is designed using **injection-moulding technology** with **one-time molding**, ensuring high structural integrity. The unit features a **buckled connection system** that is **quick and easy to install**, requiring no special tools.

Its **360° full transparent display window** allows for clear visual inspection. A **litmus-type leak detection patch** is integrated within the transparent section, offering immediate visual confirmation in the event of a chemical leak

Construction & Design

Manufactured from **polypropylene (PP)**, known for excellent chemical resistance

Features a **buckled connection system** for extra secure tight

Heat-welded and mechanically secured to prevent lateral spray-outs

Reusable, even after exposure to leaks

Designed to allow **safe leak release**, avoiding pressure build-up inside the guard

Easy to install and remove without the need for special tools

Applications

Ideal for use with corrosive and hazardous media at ambient temperatures, such as:

- Acids
- Chemical solutions
- Industrial water lines
- Processing plants
- Chemical storage & transfer areas

Specifications

Material: Polypropylene

Service Temperature Range: -15°C to +90°C

Flange Ratings Supported:

ANSI 150 – 300 lb

DIN PN6 – PN25

BS Table A – T

Sizes Available: ¼" – 24" and above

Joint Compatibility: Flanges, couplings, elbows, tees, reducers

Leak Detection: Transparent case

Colour Options: Multiple colours available

UV Resistance: Inherent UV stability

Ideal for Acids / Sea water / Chemical solutions / Transfer areas

No Protection: Risk of Injury and Damage

Without a KTN guard, even a minor flange leak can become a serious safety hazard.

This image shows the real risk: uncontrolled spray of chemical or thermal fluid, with potential for burns, inhalation injuries, and equipment contamination.

Don't let this be your plant. Protect your people. Protect your process.

KTN Standard Flange Guard (Essential Protection)

Our signature KTN flange protector, designed for quick installation and immediate impact. In the event of a flange leak, it contains spray-outs and shields the surrounding area.

Recommended for chemical plants, marine, energy and water treatment facilities, this model provides essential safety while remaining reusable and cost-effective.

KTN Flange Guard with Safety Drain Hose (Premium Solution)

At KTN, we take safety to the next level. This image showcases our advanced flange protection system, featuring a transparent polypropylene guard with an integrated PTFE drain hose for controlled leak diversion.

Ideal for corrosive or high-temperature service, this system prevents hazardous spray-outs and safely redirects leaks — protecting your personnel and process.

