SAIFEX INDUSTRIES

PRODUCT DATA SHEET

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FLANGE GUARDS

PP Box Type Flange Guard

PP Box Type Flange Guards — also known as polypropylene flange guards, box-style flange protectors, or PP spray safety covers — are rigid, box-shaped protective enclosures manufactured by Saifex Industries from virgin polypropylene sheets.



Technical Specifications (Typical)

Property	Value
Construction Material	Polypropylene (PP) — Virgin Material
Colour / Finish	Clear or Milky White
UV Resistance	Very High
Max. Temperature	90°C
Coefficient of Friction	Low
Flange Guard Size Range	1" to 12"
Joint / Connection Type	Flange Joints
Visibility	Semi-transparent — visual leak inspection without removal
Typical Applications	Oil, Fuel, Acids, Caustics, Corrosive Service Line Fluids
Specific Suitability	Acid / Alkali / Hazardous Chemical Flange Joints
Quality	Excellent — Durable, Long Operating Life

(Custom sizes outside the standard 1"–12" range available on request.)

Applications

- Acid and alkali service lines — chemical containment at flange joints in chemical plants, water treatment, and industrial facilities
- Caustic process lines — protection against caustic spray in petrochemical and industrial processing environments
- Water treatment and desalination plant pipework — protection on chemical dosing and process lines
- Oil and fuel service lines — spray and drip containment at flanged joints in refineries, fuel terminals, and storage facilities
- General corrosive service line flanges — plant-wide protection where multiple flange joints require guarding

Important Notes

1. Saifex Industries reserves the right to change product design and specifications without prior notice.
2. Product data may be updated to reflect product updates, new or revised manufacturing standards, or changes in manufacturing.
3. Images and diagrams are for illustration only and may show non-standard configurations.
4. Because of revised manufacturing standards or other factors, the supplied product may not match this data sheet exactly. Please confirm critical values with our sales team before ordering or design use.
5. Values shown are typical, for guidance only, and do not form a specification. Mill Test Certificates (MTC) available on request.