

Section 1: HDPE Flange Guards -Product Details

HDPE is flexible and ductile, not rigid. It has outstanding resistance to fatigue. Unlike other plastics, it is designed and pressure rated to handle the kind of occasional and recurring surge events that are common in water distribution systems. This makes it the most suitable material for Flange Guards for moderate temperature & corrosive service lines.

In addition to its outstanding physical characteristics, HDPE is recognized for its minimal impact on the environment as it takes almost 46% less energy than any other polymer.



1. **Multi-Grip Extensions:** It also provides grip between the guard and the flanges so that the guard remains securely latched on in an event of a splash.
2. **Quick-connection & Double Locking:** Enables simple fitting & removal without any special tools. This is very useful for harsh environments where gloves, chem-suits and other conditions make installation difficult.
3. **Spacers:** These are used as pressure diffusing mechanism. It releases from the guard during spray out & thus eliminates any mist formation.

HDPE Flange Guards are completely UV Resistant, have lock tight fastening system, inbuilt pressure diffusing mechanism, and have a 2 year guarantee.

Indana Flange Guard is built with the best quality material & outlasts all other shield types/materials in our in-house pressure testing.

INDANA FLANGE GUARDS: UNCOMPROMISING ON QUALITY

Section 2: Technical Details

- a) **Specification Material** : UV Stabilised HDPE®
- b) **Coefficient Of Friction**: Low
- c) **UV Resistance**: Very High
- d) **Max. Temperature** : 120 Deg C
- e) **TENSILE STRENGTH KG/CM2**: 316
- f) **Flange Ratings** : ANSI 150 –1200#
- g) **Joint/Connection type** : Flange and Couplings, Elbows, Tees and Union
- h) **Typical Applications** : Oil, Fuel, Acids, Caustics, Corrosive Service Line Fluids

Section 3: Sales&Support

For sales and other product related queries, you can contact us on info@indanasteel.com. Flange Guards in the range of Dn 15 to Dn 200 are available ex stock. DHL is our corporate partner for timely delivery of Flange Guards along with lowest shipping charges. We would also recommend you to visit us at www.indanasteel.com/p-guards.php to learn more about INDANA FLANGE GUARDS. You can also reach us by phone on +91-9831291838 or + 91-8419999032.