

SS316 FLANGE GUARDS

Successful Stainless steel creation goes back to 1913 when Harry Brearley created steel with 12.8% chromium and a carbon percentage of merely .24 percent. Stainless steel was made with the sole purpose of creating a weather and acid resistant steel. Adding Molybdenum to steel increases its corrosion resistance, heat resistance and overall strength. SS316 is a chromium-Nickel-Molybdenum alloy. This makes them most suitable material for Flange Guards for moderate temperature & corrosive service lines.

SS FLANGE GUARDS



- 1. Multi-Layer Mesh:** Spray out passing through the mesh loses its kinetic energy & the pressure gets diffused. This is the most important element as guards without mesh creates mist formation & lateral spray outs.
- 2. Quick-connection & Double Locking:** Enables simple fitting & removal without any special tools. This is very useful for harsh environments where gloves, chemsuits and other conditions make installation difficult.
- 3. SS316 Material:** Only Marine Grade 55316 is used for Flange Guards as other grades tends to corrode.

Flange Guards are completely UV Resistant, have lock tight fastening system, inbuilt pressure diffusing mechanism, are completely fire retardant & 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**

TECHNICAL DETAILS

- » Specification Material : Marine Grade SS316
- » Coefficient Of Friction : Low
- » UV Resistance & Chemical Resistance : Very High
- » Max. Temperature : -40 to 550 Degree Celsius
- » Flange Ratings : ANSI 150 – 2500#
DIN PN6 – PN25
BS Table A – T
Sizes: ¼" – 24" +
- » Joint/Connection Type : Flange and Couplings, Elbows, Tees & Unions
- » Typical Applications : Oil, Fuel, Acids, Caustics, Corrosive Service Line Fluids

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