



# AMBICA ENTERPRISE

(AN ISO 9001: 2015 CERTIFIED COMPANY)

MANUFACTURES OF FLANGE GUARDS / SAFETY GUARDS / SPRAY GUARDS

"AMBICA ENTERPRISE " Was Established In 2013 With  
Leading manufactures of all type of Flange Guard

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# “ YOUR SAFETY IS OUR RESPONSIBILITY ”

AMBICA ENTERPRISE IS AN ISO 9001: 2015 Certified Company. We are a leading Flange Guards/Flange Shields manufacturer and supplier, meeting perfect needs of process industries regarding the prevention of unsafe spraying of materials. With the highest standards and appropriate materials, we are able to bring the best possible safety shields that are suitable for industrial use. Easy & firm connection, high chemical & corrosion resistance and durable construction features make our Flange Guards/Spray Guards just fine for industrial atmosphere.

Also, these are designed to ensure simplified handling and total safeguard. The versatile properties and affordability of the Flange Guards has established reliable standards in the market. For this reason, these are widely demanded in Chemicals, Pharmaceuticals, Petrochemicals, Fertilizers and Beverages industries.

## Our Mission



It is our mission is “the basis of our existence to successfully develop, produce and sell high-quality systems world-wide, contributing to a better quality of life and a healthy environment. We strongly emphasize on product quality & Client satisfaction. We help to keep environment clean.

## Our Vision

To become the global leader in supplying all types of Industrial product. AMBICA ENTERPRISE was established to serve the mankind. We have a vision of bonding customers with true solutions & helping Earth stay green with the higher quality products, which meets the international norms.





## **WE ARE THE MANUFACTURER OF**

- ✿ " AMBICA " PP BOX TYPE FLANGE GUARDS
- ✿ " AMBICA " PP STRIP TYPE FLANGE GUARDS
- ✿ " AMBICA " PP STRIP TYPE LOCK FLANGE GUARDS
- ✿ " AMBICA " SS 304 / SS 316 BOX TYPE FLANGE GUARD
- ✿ " AMBICA " SS 304 / SS 316 STRIP TYPE FLANGE GUARDS
- ✿ " AMBICA " PTFE COATED FLANGE GUARDS
- ✿ " AMBICA " PTFE-COATED-WITH-PVC-TRANSPARENT-FLANGE-GUARD



## AMBICA MAKE FLANGE GUARD"

[SS 304/316 STRIP TYPE , PP TRASPERANT BOX TYPE & PTFE BOX TYPE]

AMBICA Make **FLANGE GUARD** (Safety shields) prevent spray outs by interposing an impregnable barrier between the chemical flowing through the piping system and the external environment. To provide this protection, AMBICA FLANGE GUARD are manufactured in various materials that resist the hazardous or toxic chemicals commonly used in process industries at varying temperatures and pressures. By selecting the appropriate material for an application, virtually all situations can be safeguarded.



## SAFETY SHIELD BASICS

Safety Shields are designed to prevent spray-out and mist formation, from pipelines containing hazardous chemicals (acid, bases, oil, steam etc).

The primary purpose is to prevent spray or mist But not to contain the leak indefinitely. Ideally the shield will control the leak safely, allowing liquid release vertically.

Typically leaks occur at pipe joints such as flanges, valves and expansion joints, though shields can be made to fit a variety of fittings.



## INDUSTRIES & MARKETS

Safety Shields are now used in a wide variety of industries. The market continues to grow as incidents and accidents continue to happen. Some more common industries include:-

- **OIL & GAS; offshore, terminals, refining**
- **CHEMICAL; Chemical/Petrochem/Construction material manufacturing**
- **POWER GENERATION; from large scale power stations to small engines**
- **MARINE; Ship engine room & facilities**
- **FOOD & BEVERAGE; processing, packaging & storage sites**
- **WATER; Waste water treatment within water authority or process site**
- **GENERAL PROCESS; Any process industry using, storing or processing chemicals**
- **(Paper & Pulp, Iron & Steel, Pharma, Automotive, many others)**

The mix of industries varies in different countries and regions – but generally there is always a good market for Safety Shields.

## DRIVERS & REGULATIONS

Many different motivations exist for the installation of safety shields. Whilst most new sites require shields as 'best practice', the following drivers also exist:-

### Recent incident or near-miss on site, or associated site

Very often, site incidents or near-misses will necessitate a safety review, at which time safety shields are considered as corrective or preventative action.

### Insurance requirement

The cost of site fires, explosions and personal injury is significant. Industrial insurers now focus specifically on spray-out and oil mist prevention, and often insist on safety shielding.

### Hazardous area zoning issue

DSEAR reclassification can create technical and commercial complications. Many customers use safety shields as part of their case to reduce zoned areas.

### Company-wide policy/philosophy & best practice

In an attempt to reach the goal of 'zero accidents', many large companies create and insist upon safety policies and requirements that often include safety shielding.

### Other

There are a variety of other reasons to fit shields, including pollution control, general site cleanliness and protection of nearby electrical equipment.

## OUR PRODUCT OVERVIEW

### “AMBICA “ PP BOX TYPE FLANGE GUARDS



#### Technical Details:

- **MODEL NO : AMBICA – PP BOX**
- **Complete 360 degree guard**
- **100 % Transparent Product**
- **M.O.C : Pp (polypropylene)**
- **STANDARD: ASA 150#**
- **APPLICATIONS : Acid/ Alkali/ Caustics/ Hazardous Chemicals, Etc**
- **OPERATING TEMPERATURE : UP TO 90° C**
- **PROPERTIES : Good Chemical Resistance, Tough & Durable, Good Heat Resistance, Flexible**
- **SIZE : 1/2" – 12" Dia Flange Size**
- **DESIGNS : Designed For Easy Instant Removal & Remittent with Greater Mechanical Strength For Long Use**
- **ULTRA VIOLET PROTECTED : Our Flange Guards Do Not Undergo- Catalytic Degradation, Polymer Ageing, Weathering, Photo-oxidation, Etc- Ensuring Long Life**

### “AMBICA “ PP STRIP TYPE FLANGE GUARDS



#### Technical Details:

- **MODEL NO : AMBICA – PP STRIP**
- **M.O.C : Pp (polypropylene) Properties Stabilized**
- **STANDARD: Ansi B 16.5 / Bs 10 D,e,f / Din 16,25,40 And Per Clients Requirement**
- **APPLICATIONS : Acid/ Alkali/ Caustics/ Hazardous Chemicals, Etc**
- **OPERATING TEMPERATURE : UP TO 90° C**
- **PROPERTIES : Good Chemical Resistance, Tough & Durable, Good Heat Resistance, Flexible**
- **SIZE : 1/2" – 20" Dia Flange Size**
- **DESIGNS : Designed For Easy Instant Removal & Remittent with Greater Mechanical Strength For Long Use**
- **ULTRA VIOLET PROTECTED : Our Flange Guards Do Not Undergo- Catalytic Degradation, Polymer Ageing, Weathering, Photo-oxidation, Etc- Ensuring Long Life**

## “ AMBICA “ PP STRIP TYPE LOCK FLANGE GUARDS



### Technical Details:

- **MODEL NO :** AMBICA – PP LOCK
- **M.O.C :** Pp (polypropylene) Properties Stabilized
- **STANDARD:** ASA 150 #
- **APPLICATIONS :** Acid/ Alkali/ Caustics/ Hazardous Chemicals, Etc
- **OPERATING TEMPERATURE :** UP TO 90° C
- **PROPERTIES :** Good Chemical Resistance, Tough & Durable, Good Heat Resistance, Flexible
- **SIZE :** 1/2" – 6" Dia Flange Size
- **DESIGNS :** Designed For Easy Instant Removal & Remittent .with Greater Mechanical Strength For Long Use
- **ULTRA VIOLET PROTECTED :** Our Flange Guards Do Not Undergo- Catalytic Degradation, Polymer Ageing, Weathering, Photo-oxidation, Etc- Ensuring Long Life
- **WARRANTY :** 18 Months From Date Of Supply

## “ AMBICA “ SS 304 / SS 316 BOX TYPE FLANGE GUARDS



### Technical Details:

- **MODEL :** AMBICA – SS BOX
- **M.O.C :** SS 304 / SS316 SHEET
- **STANDARD :** ANSI B 16.5 / BS 10 D,E,F / DIN 16,25,40 And Per Clients Requirement
- **APPLICATIONS :** High Temperature / Solvent Hazardous Chemical 'steam Lines / Hot Oil Lines / Thermal Oil / Oil Mist
- **OPERATING TEMPERATURE :** 450°C
- **PROPERTIES :** Good Chemical Resistance, tough & Durable, good Heat Resistance, flexible
- **SIZE :** 1/2" – 24" DIA Flange Sizes Or Custom Sizes On Request
- **DESIGNS :** Designed For Easy Instant Removal & Refittment. with Greater Mechanical Strength For Long Use
- **ULTRA VIOLET PROTECTED :** Our Flange Guards Do Not Undergo- Catalytic Degradation, Polymer Ageing, Weathering, Photo-oxidation, Etc- Ensuring Long Life
- **WARRANTY :** 18 Months From Date Of Supply

## “ AMBICA “ SS 304 / SS316 STRIP TYPE FLANGE GUARDS



### Technical Details:

- **MODEL :** AMBICA – SS STRIP
- **M.O.C :** SS 304 / SS 316 SHEET
- **STANDARD :** ANSI B 16.5 / BS 10 D,E,F / DIN 16,25,40 And Per Clients Requirement
- **APPLICATIONS :** High Temperature / Solvent Hazardous Chemical 'steam Lines / Hot Oil Lines / Thermal Oil / Oil Mist
- **OPERATING TEMPERATURE :** UP TO 450°C
- **PROPERTIES :** Good Chemical Resistance, tough & Durable, good Heat Resistance, flexible
- **SIZE :** 1/2" – 30" DIA Flange Sizes Or Custom Sizes On Request
- **DESIGNS :** Designed For Easy Instant Removal & Refitment. with Greater Mechanical Strength For Long Use
- **ULTRA VIOLET PROTECTED :** Our Flange Guards Do Not Undergo- Catalytic Degradation, Polymer Ageing, Weathering, Photo-oxidation, Etc- Ensuring Long Life
- **WARRANTY :** 18 Months From Date Of Supply

## “ AMBICA “ PTFE COATED FLANGE GUARDS



### Technical Details:

- **MODEL :** AMBICA – PTFE
- **M.O.C :** PTFE Coated Fiberglass
- **STANDARD :** ANSI B 16.5 / BS 10 D,E,F / DIN 16,25,40 And Per Clients Requirement
- **APPLICATIONS :** Oil, Fuel, Acids, Caustics, Corrosive Service Line Fluids
- **OPERATING TEMPERATURE :** UP TO 230°C
- **PROPERTIES :** Good Chemical Resistance, tough & Durable, good Heat Resistance, flexible
- **SIZE :** 1/2" – 24" DIA Flange Sizes Or Custom Sizes On Request
- **DESIGNS :** Designed For Visual Inspection
- **ULTRA VIOLET PROTECTED :** Our Flange Guards Do Not Undergo- Catalytic Degradation, Polymer Ageing, Weathering, Photo-oxidation, Etc- Ensuring Long Life

## “ AMBICA “ PTFE COATED WITH-PVC-TRANSPARENT-FLANGE-GUARD



### Technical Details:

- **M.O.C :** PTFE Coated Fiberglass Flange Guards Shields With PVC Transparent Cover 100% Teflon Pull Cord Teflon Thread
- **STANDARD :** ANSI B 16.5 / BS 10 D,E,F / DIN 16,25,40 And Per Clients Requirement
- **APPLICATIONS :** Oil, Fuel, Acids, Caustics, Corrosive Service Line Fluids
- **OPERATING TEMPERATURE :** UP TO 90°C
- **PROPERTIES :** Good Chemical Resistance, tough & Durable, good Heat Resistance, flexible
- **SIZE :** 1/2" - 24" DIA Flange Sizes Or Custom Sizes On Request
- **DESIGNS :** Designed For Visual Inspection
- **ULTRA VIOLET PROTECTED :** Our Flange Guards Do Not Undergo- Catalytic Degradation, Polymer Ageing, Weathering, Photo-oxidation, Etc- Ensuring Long Life
- **WARRANTY :** 18 Months From Date Of Supply



# OUR CLIENTS

