



Marine Product Range.

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Arctic Steel Strainers



Applications:

Suitable for applications where a high grade superior corrosion resistant stainless steel is required to filter liquids. Cast in duplex 2205 stainless steel this robust strainer with wing nuts and swing-down bolts requires no tools for service and maintenance. Suitable for use in marine environments, but also for commercial and industrial applications, straining oils, paint, chemicals, corrosive liquids, and any liquid that needs particles or contaminants removed to protect pumps, nozzles and injectors.

Materials:

- Cast in 2205 stainless steel, which is significantly stronger than 316 or bronze

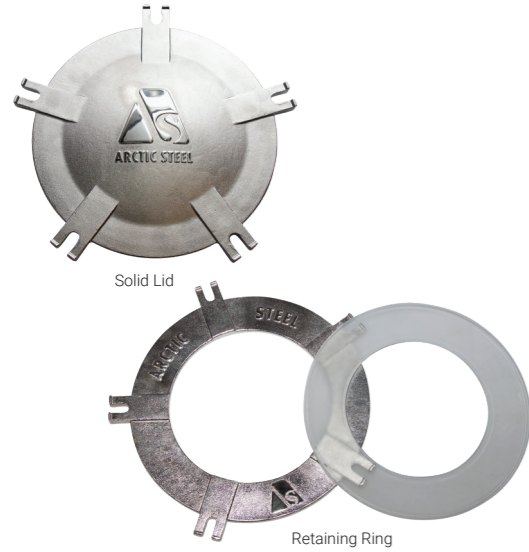
Features:

- Offset inlet and outlet for improved performance
- Secured by 5 wing nuts for safe, quick and easy access, no tools required
- Swing down eye bolts eliminates need to remove nuts
- BSP thread inlet and outlet, flanges available on request
- Full height high impact resistant ABS basket
- Cast anode connection point to combat galvanic corrosion
- Drain plug

Sizes:

- BISO - 1" to 6" inlet/outlet
- SISO - 1" to 4" inlet/outlet

Arctic Steel Strainer Lids



Applications:

Strainer lids provide an air and watertight seal and have been tested for pressures well beyond typical marine use.

Materials:

- Solid lid and retaining ring are cast in 2205 stainless steel

Features:

- All lids have a raised sealing lip, designed to provide an air and watertight seal on the silicone gasket. Lids are quick and easy to remove, requiring no tools

Options:

- Solid lids are available to meet survey requirements
- Also available as clear two piece lid with cast retaining ring and polycarbonate disk

Arctic Steel Inlet Strainers



Applications:

Arctic Steel inlet strainers are uniquely cast in duplex 2205 stainless steel which is suited to underwater applications. Designed to scoop water into thru hull fittings when the boat is in motion, at the same time preventing large particles and debris from entering marine systems aboard.

Materials:

- Cast in 2205 stainless steel, which is significantly stronger than 316 or bronze and suitable for submerged applications

Features:

- Sand blasted surface finish for paint adhesion
- Inlet Scoops have a tear drop design to funnel water into thru hull fittings
- Efficient at low speeds
- Slotted open area is matched to thru hull sizes, ensuring full flow
- Pre-drilled holes for fixing to hull

Options:

- Inlet Scoop strainers available in sizes to fit thru-hull fittings from 1/2" - 6"
- Inlet Rose strainers available in two sizes 90mm & 150mm diameter

Arctic Steel Thru Hull Fittings



Applications:

Specifically designed for underwater applications, the Arctic Steel Thru Hull fittings are cast in duplex 2205 stainless steel. These are unique in the marine market, providing much higher resistance to corrosion than regular 316, they are also significantly stronger than 316 and bronze making them ideal for a critical hull penetration fitting.

Materials:

- Cast in 2205 stainless steel

Features:

- Suitable for high temperature applications such as exhaust outlets (up to 60°C)
- BSP Thread
- Mirror polished outside flange

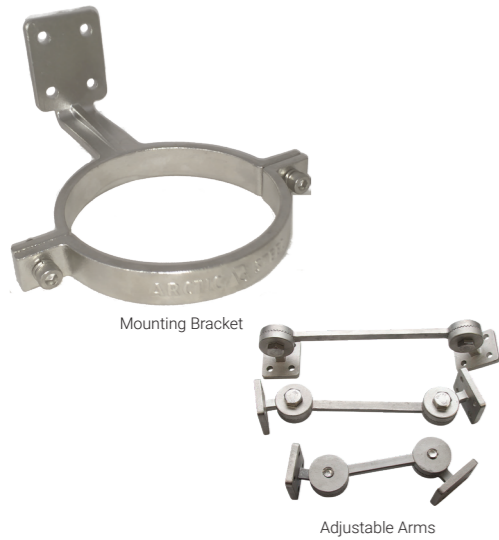
Options:

- Long reach fittings available in 3/4", 1" and 1 1/2".
- Standard sizes from 1/2" to 4"

COMMITMENT
TO BRING YOU THE **BEST**

Arctic Steel product range is cast in **duplex 2205 stainless steel**, which is designed for submerged applications and is significantly stronger and more corrosion resistant than 316.

Strainer Mounting Bracket and Adjustable Arms



Applications:

Brackets are designed to allow BISO strainers to be mounted on a vertical wall or bulkhead and in combination with the adjustable arm, the bracket can be used to brace a BISO strainer that is mounted directly to a Ball Valve.

Materials:

- 316 stainless steel

Features:

- Single bracket required for BISO sizes 1" and 1 1/2"
- Two brackets required for BISO sizes 2", 2 1/2", 3", 4"

Options:

- Available for BISO models up to 4"
- Adjustable arm sizes available in the following lengths 100mm, 150mm, 200mm

Air Pipe Heads



Applications:

Designed to prevent sea water from entering tanks, whilst allowing air or vapor from within the tank to escape when the tank is being filled, as well as take in air when the tank is being discharged. The vertically oriented, slim-lined design reduces weight and eliminates the need for a return bend (gooseneck) saving valuable deck space.

Materials:

- Aluminium
- Seal: Nitrile Seal (Buna-N)
- Stainless Steel flame screen
- Valve float: HDPE

Features:

- ABS approved
- Corrosion resistant flame screens
- Top mounting for easy access and replacement of seals and fire screens

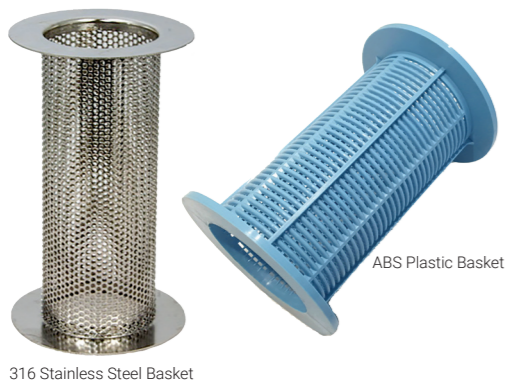
Options:

- Flanges are blank, undrilled
- Can be drilled to specification on request (Table E, DIN, PN16, ANSI, JIS)

Sizes:

- 2" - 6"

Arctic Steel Strainer Baskets



Applications:

The ABS plastic and 316 stainless steel baskets are designed for use in seawater cooling applications and comply with engine manufacturer specifications for screen size and flow rates.

Materials:

- Baskets are available in ABS plastic or 316 stainless steel

Features:

- Baskets occupy the full height of the strainer body, maximising the filtration surface area

Options:

- Available in ABS plastic, which is durable and impact resistant, or 316 stainless steel with a 2mm perforated hole
- 316 baskets can be offered with custom screen
- All models can be specified with ABS or 316 with the exception of:
 - SISO 1" - ABS only
 - SISO 4" - 316 only

Cam and Groove



Applications:

The Dixon Cam and Groove coupling is a quick connect coupling for use on hose, pipe, tubing and tanks conveying a wide variety of liquids and vapours. Can be used for pump out tanks, firefighting and any application where deck hoses need to be connected quickly and securely.

Materials:

- Aluminium
- Stainless Steel
- Bronze
- Brass
- Poly
- Nyglass

Features:

- Leak proof connection
- Easy to use - no tools required

Options:

- Male & Female BSP threads
- Male & Female NPT threads
- Hose tails

Sizes:

- 1/2" - 8"

Valves



Applications:

Full range of marine, industrial, petro-chemical and oil & gas valves. Designed for seawater intake, freshwater circulation, fuel systems, fire fighting. Manual controlled and actuated valves, both pneumatic and electric.

Materials:

- 316 Stainless Steel
- Brass
- Bronze
- Ductile Iron

Options:

- Butterfly valves
- Ball valves
- Gate valves
- Non return valves
- 3 way valves
- Globe valves
- Pressure relief valves
- Threaded and flanged valves
- Actuators
- Pressure reducing valves
- Spring return valves

BSP Pipe Fittings



Applications:

For use in low pressure applications and harsh marine environments. Threaded pipe fittings provide a reliable and secure connection to marine components, including valves, strainers, deck and hull fittings.

Materials:

- 316 Stainless Steel

Options:

- BSP and NPT thread
- Hose tail
- Elbows
- Tee
- Reducing nipple
- Reducing bush
- Reducing hose tail
- Flanges
- Sockets
- Plugs

Sizes:

- 1/4" - 4"

Hose



Applications:

A wide range of suction and delivery hoses suitable for marine applications, including complete hose assemblies.

Options:

- PVC large range of spiral suction / delivery and pressure delivery hose
- Rubber and PVC layflat hose
- Rubber mandrel hoses for Petrol & Oil suction and delivery
- Multi purpose rubber hose
- PVC washdown hose
- Spiral guard to protect hose from abrasion

Clamps



Applications:

Marine grade stainless steel hose clamps.

Materials:

- AISI 316 stainless steel

Features:

- Worm Drive - Robust medium strength hose clamp suitable for marine applications.
- Supra Clamp - High strength bolt clamp, swivelling bridge allows clamp to be opened completely.

Safety Breakaway Couplings



Applications:

The safety break-away coupling is designed to minimise spillage and damage associated with pull away incidents. Typical applications include: ship-to-offshore platform, ship-to-shore and ship-to-ship product transfer operations. Used ideally when performing bunkering and fuelling operations where spills into the marine environment are to be avoided.

Materials:

- 316 stainless steel body with a range of seals

Features:

- Suitable for marine fuels (Petroleum, Diesel, LNG)

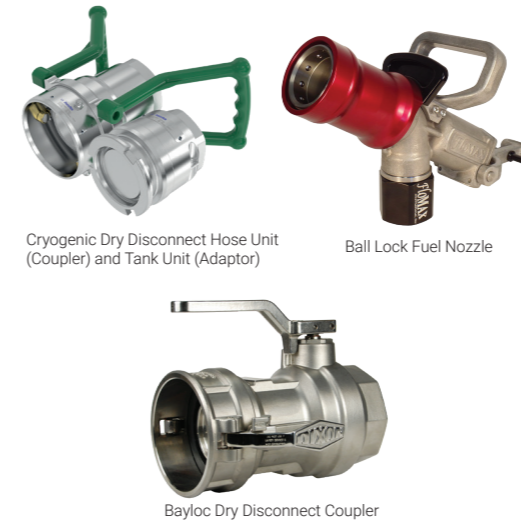
Options:

- Female x Female NPT
- Female x Female BSP
- Male x Male NPT
- Male x Male BSP
- 150# Flange x 150# Flange

Sizes:

- 2" - 6"

Dry Disconnect



Applications:

Designed for the quick and spill free connection and disconnection of hoses and pipelines. Available for a range of marine fuels, including LNG. This is essential equipment when fuelling in marine environments where spills are to be avoided.

Materials:

- Aluminium or stainless steel body with stainless steel internal wear parts.

Features:

- Time saving - no need to drain hoses or pipe systems
- Economical - no loss or spillage of liquids at connection or disconnection
- Environmentally friendly
- Safe and reliable - due to rugged construction
- Interchangeable with similar standard fittings

Sizes:

- Rotary Dry Disconnect 3/4" - 6".
- Cam & Groove dry disconnect 1 1/2" - 3".

Fire Protection



Applications:

A range of fixed and portable fire protection products manufactured to meet Australian Standards.

Options:

- ABE fire extinguishers - 1kg, 2.5kg, 4.5kg, 9kg.
- Fire blankets - 1m x 1m, 1.2m x 1.2m, 1.8m x 1.2m
- Stainless steel wall mounted 36 metre hose reel
- Layflat fire hose
- Jet and spray nozzles
- Storz adaptors and coupling

Accessories



RAPP-IT PIPE REPAIR

Applications:

On-site emergency pipe repair in varied industrial applications: mining, processing, oil and gas, petrochemical, manufacturing, marine, and agricultural industries; for use with steel, polypipe, PVC, fiberglass, or copper.

Features:

- Quickly contains leaking substances, keeping a workplace safe
- Suitable for wet or dry pipe: apply under fresh and saltwater

TEF-GEL™

Applications:

Tef-Gel™ is a white, extremely high viscosity gel. It is applied to but not limited to fastenings, fittings and electrical connectors in high corrosive environments to ensure protection, serviceability and presentation of assembled hardware. Providing industrial strength protection.

Features:

- Non-toxic and non-harmful to marine, and land based ecosystems
- Non-reactive and chemically stable
- Has an indefinite shelf life and working life
- Industrial grade, non-hazardous assembly lubricant



The Right Connection®

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