

WHAT ARE ABESCO "SSA60" MARINE FIRE COLLARS?

Abesco "SSA60" Marine Fire Collars are designed to prevent the spread of fire from one compartment to another where plastic pipes penetrate fire separating bulkheads and deck, and provide a A60 Class rating.

Abesco "SSA60" Marine Fire Collars consist of a Stainless Steel shell, which contains the heat reactive intumescent material. The unit is supplied in two semi circular halves and is held closed around the pipe by a unique and easy to use "Slidelock" closure device.

Abesco "SSA60" Marine Fire Collars are supplied uncoated and have an aesthetically pleasing natural silver grey satin finish.

WHY USE ABESCO "SSA60" MARINE FIRE COLLARS?

- Comprehensively tested in accordance with IMO A.754 (18).
- Corrosion Resistant – suitable for use in aggressive environments
- Certification for a wide range of plastic pipes including PVCu, PE, PB, & MDPE
- Available in the widest range of sizes for standard and non-standard pipe diameters.
- Very easy to install.
- Unaffected by moisture or atmospheric Carbon Dioxide.

WHERE DO I USE ABESCO "SSA60" MARINE FIRE COLLARS?

Abesco "SSA60" Marine Fire Collars are suitable for use where plastic pipes penetrate through steel fire rated bulkhead or decks.

WHAT HAPPENS IN A FIRE SITUATION?

When exposed to the heat of a fire, the intumescent material contained in the "SSA60" Fire Collar expands and exerts a high pressure on the melting plastic pipe, causing the opening to be closed off and thus preventing the spread of fire from one compartment to another.

HOW TO SPECIFY ABESCO "SS" PIPE COLLARS

"Supply & install Abesco SSA60 Fire Collars to provide A0 A15 A30 & A60 fire resistance to suit 16mm – 160mm diameter plastic pipes in accordance with Type Approval installation details.

OTHER ABESCO MARINE PRODUCTS

- Abesco supply a range of Cable Transits in two ranges of sizes: 65mm & 100mm square.
These units can be linked together to form larger assemblies.
- Abesco FR Acrylic Intumescent Mastic (CP310)



SSA60 Marine Fire Collars



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- Cost effective
- Easy to use
- Build efficient
- Low unit weight
- Quick to install
- Corrosion Resistant
Stainless Steel



h i g h p e r f o r m a n c e f i r e s t o p p r o d u c t s

Fire at Sea

One of the main fears that confront personnel and passengers at sea, is not the fear of drowning, but the fear and risk of fire. If fire is not contained, by use of effective fire stopping products or compartmentation, then fire on board a vessel will spread very quickly as it seeks fresh sources of ignition and oxygen to feed it! Like fires anywhere else, a fire will go through the smallest of apertures in search of fuel or oxygen to sustain the combustion and will ignite or burn whatever is in its path. Abesco has developed a range of passive fire protection products to prevent fires from spreading and also prevents the spread of smoke!



Why Abesco SSA60 Marine Fire Collars?

Abesco SSA60 Fire Collars have been developed with ease of installation in mind.

The product is rapidly installed by either using screws or simply welding the fixing lugs directly to either the bulkhead or deck.

A bead of Abesco FR Acrylic Intumescent Mastic is applied prior to installation to form a cold smoke seal and to conform to the SOLAS regulations.

With the current design concept of adopting plastic pipes on board modern ships, as opposed to the conventional Steel, Copper & Cu-nifer pipes,



this has led to an increase in demand to develop fire stopping devices to prevent the passage of fire and smoke, where plastic pipes would normally ignite, burn, degrade and allow fires to spread rapidly.

The range of Abesco SSA60 Marine Fire Collars has been designed specifically to allow the use of plastic pipes aboard vessels, thereby saving costs of piping materials, maintenance, and the overall weight reduction of the vessel.

The Abesco SSA60 Fire Collar has been tested on a wide selection of plastic pipes.

Accreditation

Abesco Limited has gained Type Approval from DNV, Lloyds and ABS.

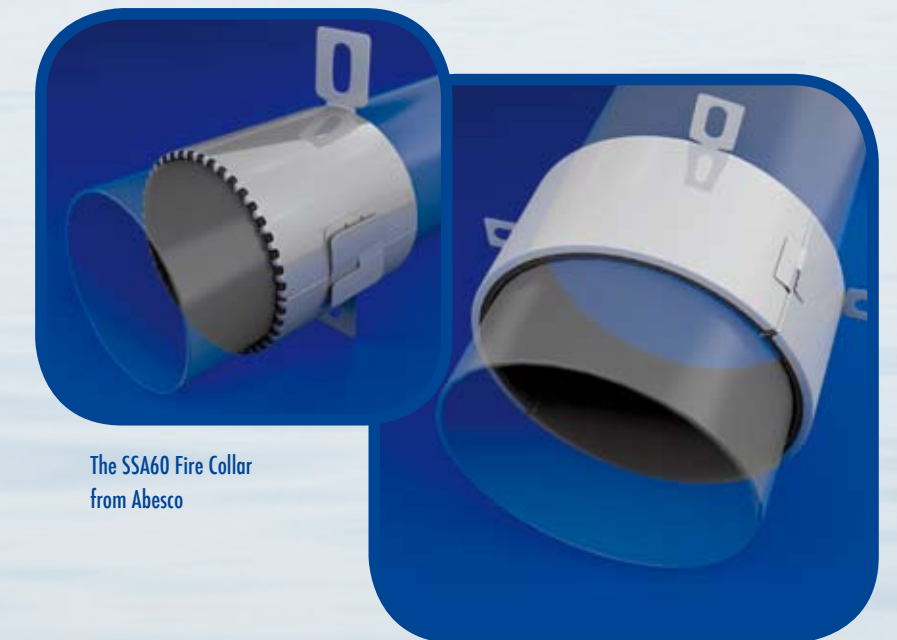
Abesco Limited has also gained MED B & D certification from DNV, which, under the MRA, permits acceptance by USCG. Abesco manufactures against ISO 9001:2000.



Testing & Certification

All certification attained has been as a result of Abesco conduction fire tests to IMO Res A.754 (18) at an independent accredited fire test laboratory and independently witnessed by Lloyds.

Abesco are committed to developing new and innovative ideas and concepts that extend beyond the boundaries and limits of the current standards, whereby we can offer commercial advantages and improved fire performance through technological improvements.



The SSA60 Fire Collar from Abesco

Advantages

The Abesco SSA60 Marine Fire Collars has several advantages over our competitors:

- Quick & easy to install "weld or screw fix" (labour saving)
- No additional sleeve or coming required. (labour / material cost & weight saving)

- Lightweight design yet robust performance. (weight saving)
- Resistant to corrosion and unaffected by salt water or high humidity
- All manufactured in house and quality controlled under ISO 9001:2000

- Our manufacturing facility can make any size Fire Collar with the range of 16mm to 160mm in 1mm increments
- Low maintenance
- Extensive stocks available ex-works.