HTS

SAFETY SEALING SOLUTIONS

www.hts-mct.com

HTS

# Safety Sealing

The purpose of our HTS Sealing Systems is to maintain the integrity of firewalls, bulkheads and decks penetrated by cables or pipes.

The transist system will seal and make resistance against fire, EMS, water, radiation, gas, chemicals, explosion, ultraviolet light, smoke, vermin, vibrations, electromagnetic interferences, hydrocarbons and any external threats.

## Why to use HTS?

- Increased safety
- Total Inspectability
- Flexibility
- Assembly speed
- Cost effectiveness
- Quality product
- Certified system by the most reputable worlwide Class Societies

## Where to use HTS?

Whenever a wall or bulkhead is penetrated by any type of cable, or pipe, or conduit, the occupants and integrity of the structure are exposed to risk from hazards such as fire and smoke, water ingress, vermin, toxic gases and any external threats.

## Typical Applications

- Offshore Platforms
- Oil and Gas Refineries
- Floating Production Off-Loading Vessels
- Nuclear Plants
- Ship building
- Computing / Bank installations
- Telecommunications
- Rail Industry
- National Defense Agencies
- Tunnels systems
- TV
- Water treatment plants
- Chemical plants
- Pharmaceutical manufacturing
- Offshore Accomodation modules
- Aeronautic industry
- Power plants
- Electrical distribution stations

## Our products are certified by the most reputable world class bodies.

### HTS round transit frames (HRTO)

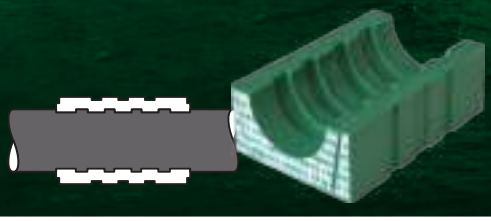
- Certified for both civil and marine applications.
- Designed to be sealed using standard HTS tolerant blocks. HTS HRTO provides effective sealing for cables and pipes through a circular aperture.
- HRTO is supplied as an open frame, so that it can be installed after laying the cables or pipes

### HTS round transit frames (HRST)

- Certified for both civil and marine applications.
- HTS HRST is a round sealing solution for a single cable/pipe passing through a wall or bulkhead/deck.
- Each size of HRST frame can seal a large range of diameters without any onsite modifications.

# Can you be sure that your transit is correctly installed?

A transit's performance is only as good as its installation. For t otal safety, choose HTS.




### Tolerant block size range

This enables a wide range of cable or pipe diameters to pass through the frame. HTS tolerant blocks incorporate five contact points which allow the blocks to accommodate a range of different diameters and accepta variation in the cable/pipe diameter. This provides up to a 4mm tolerance for cable diameters, without onsite modifications.

### Total inspectability

The HTS colour coded block system provides total inspectability of the transit installation even after assembly has been completed. On each of the two exposed block faces minimum and maximun diameters are clearly marked. This indicates the specific sealing range of the block size.

### HTS colour coding

Each individual block has a colour coded face. This ensures that each size and pair of tolerant block halves is always correctly matched to the cable diameter.



## HTS marine transit frames

- Designed to be welded to decks and bulckheads. HTS marine frames are made in 10mm thick materials which provide certified sealing any cables/pipes passing through them.
- Available in single and multiple aperture combinations.

## HTS civil transit frames

- Designed to be casted in concrete or bolted to walls and floors in buildings. HTS civil frames are made in 6mm thick materials, which provide certified sealing for any cables/pipes passing through them.
- Available in single and multiple aperture combinations.

## HTS H-DM

- HTS H-DM is a cable sealing solution specially designed to seal electrical panel-boards and cabinets against water and dust, providing IP-66 and IP-67 protection.

# HTS EMC Sealing System

Essential to ensure the integrity of computer and military communications. Specially prepared to eliminate stray airborne and cable screen signals/noise, as well as certified fire, water and gas barrier.



Stray signal/noise cannot pass through the conductive EMC and pass to earth. Tolerant and filler blocks have a cable range of 3 mm to 100 mm and are coated with a high conductive material. Copper tape provides high conductive path from cable screen to earth. Frame aluminium or stainless steel to allow conductivity from blocks to earth. Simple preparation of cable and assembly of system without modification of insert blocks onsite.

## Unique cable transist system ideal for navy

The HTS cable/pipe tolerant blocks are designed with built-in flexibility to accommodate variations in cable diameters. With just a set of block types, the full range of standard cable sizes can be supported enabling simpler, faster installation and inspection comapred to other systems, while also reducing inventory requirements.

## Tolerant block size range

Made from zero halogen, intumescent elastomeric polymer. Produced in modular form to accommodate a compact range of block sizes. They have five contact points which upon contact allow up to 4mm tolerance for cable diameters.

## Navy vessel types

- Battleships
- Frigates
- Amphibious Ships
- LHD and LCM
- Submarines
- Combat support ships
- Joint Support Ships (JSS)
- High Speed Attach Craft