

## Safety Sealing

The meaning of our HTS Sealing Systems is to maintain the integrity of a firewall, bulkhead or deck through which cables, pipes and other services pass.

The transit 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?

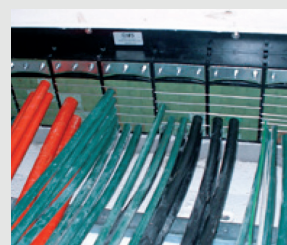
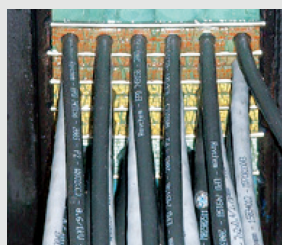
- Increased safety
- Total Inspectability
- Flexibility
- Speed of assembly
- Cost effectiveness
- Quality product
- Certified system by the most reputable worldwide Class Societies

## Where to use HTS?

Whenever a wall or bulkhead is penetrated by any type of cable or any kind of 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

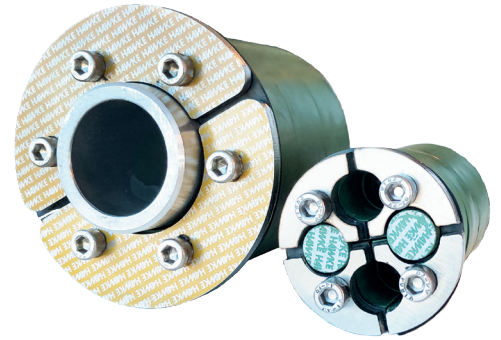
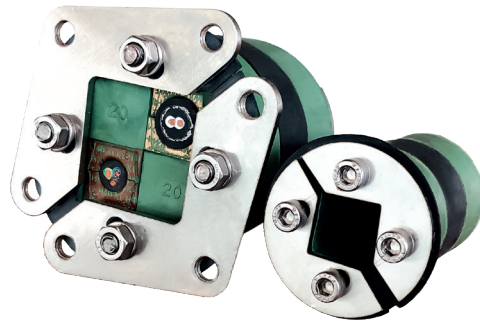
- Offshore Platforms
- Oil and Gas Refineries
- Floating Production Off-Loading Vessels
- Nuclear Plants
- Ship building
- Computing / Bank installations
- Telecommunications
- Rail Industry
- National Defense Agencies
- Tunnels systems
- TV
- Water treatment plants
- Chemical plants
- Pharmaceutical 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 HTR0 provide effectively sealing of 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

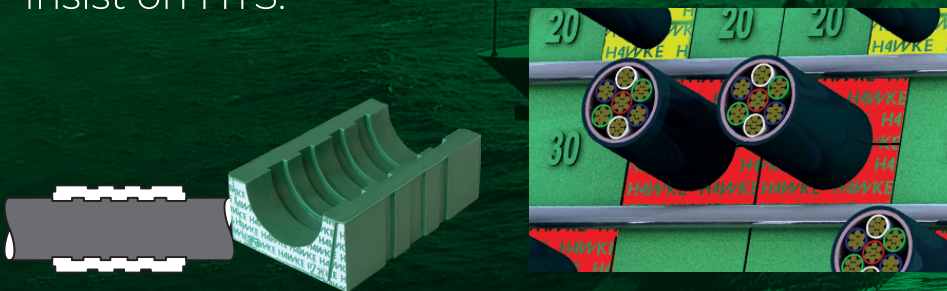
### HTS round transit frames (HRST)

- 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 will only perform as well as it has been installed. For complete confidence insist on HTS.



### Tolerant block size range

This enables a wide range of cable or pipe diameters to be accommodated by a compact range of tolerant block sizes. HTS tolerant blocks have five sealing faces that are displaced by the sealing process. This results in a tolerance of up to 4mm for cable diameters. Without any 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 maximum 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

- Design to be welded to decks and bulkheads, HTS Marine Frames are made in 10mm thick materials, and provide secure anchorage for any services which will pass through them.
- Available in single and multiple aperture combinations.

## HTS civil transit frames

- Design to be casted in concrete or bolted to walls and floors of buildings, HTS Civil Frames are made in 6mm thick materials, and provide secure anchorage for any services which will pass through them.
- Available in single and multiple aperture combinations.

## HTS H-DM

- HTS H-DM is a light cable sealing solution made of aluminium for soft liquid and dust conditions, specially designed for the sealing of electrical panelboards and cabinets.

### Incorrec assembly

Without colour coding incorrect assembly is impossible to detect.

### Correct assembly

Colour coded block halves provide visual confirmation of correct assembly.



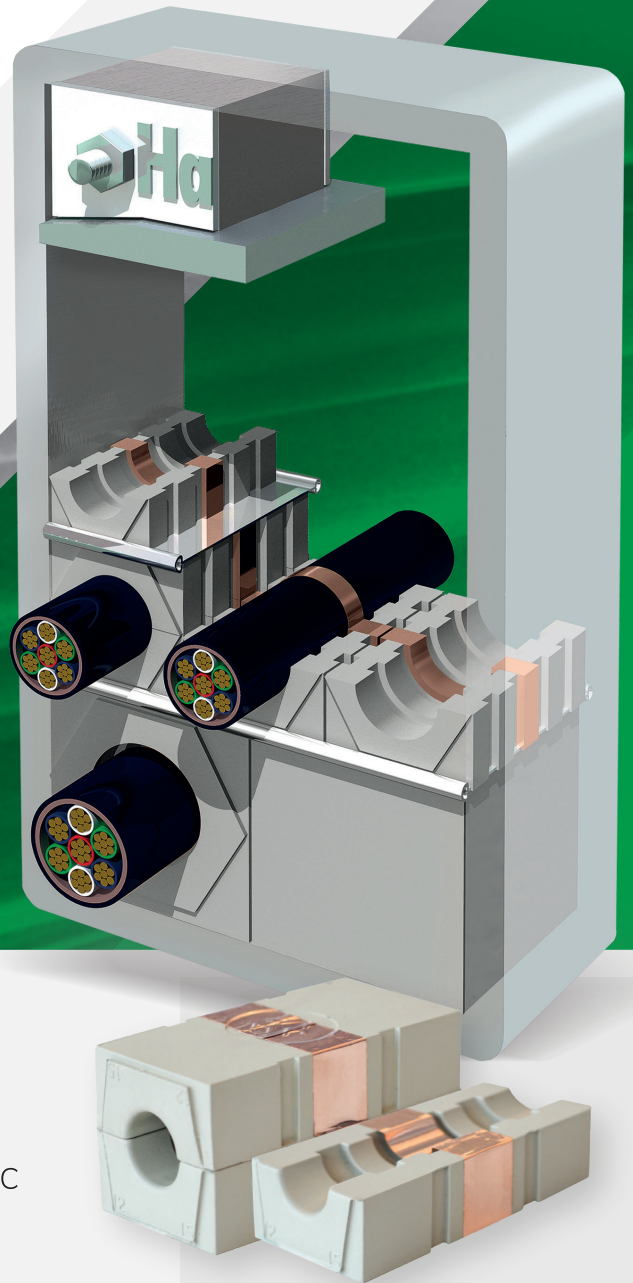
### Incorrect assembly

Mismatched colour coded block halves identify areas which have been incorrectly assembled.



# HTS EMC Sealing System

Essential to ensure the integrity of computer and military communications. Specially prepared to eliminate stray air bourn and cable screen signals/noise, apart from being certified as a 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 tolerant system ideal for navy

The HTS cable/pipe tolerant blocks have been designed with a degree of flexibility to accommodate variances in cable diameters. With a small number of blocks it is possible accommodate the full range of standard cable sizes. This allows a much simpler and faster installation and inspection procedures than Offered by other systems and fewer inventories.

## Tolerant block size range

Made of zero halogen, intumescent elastomeric polymer. Produced in modular form to accommodate a compact range of block sizes. They have five sealing faces that are displaced by the sealing process to give a tolerance of to 4mm for cable diameters.

## Navy vessel types

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





## **HTS Global reach with reliable local support for MCT's**

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