HTS

THE SAFEST SYSTEM FOR

CABINET SEALS

WWW.**HTS-MCT**.COM

CABLE AND PIPE PENETRATION SEALING SYSTEM

PROTECT YOUR CABINETS AND ENCLOSURES

Ensure the insulation of your assets with HTS, the best Multi Cable & Pipe Transit System to protect your cabinets and enclosures from external factors.

Using HTS, you are extending the lifetime of your facility and equipments.

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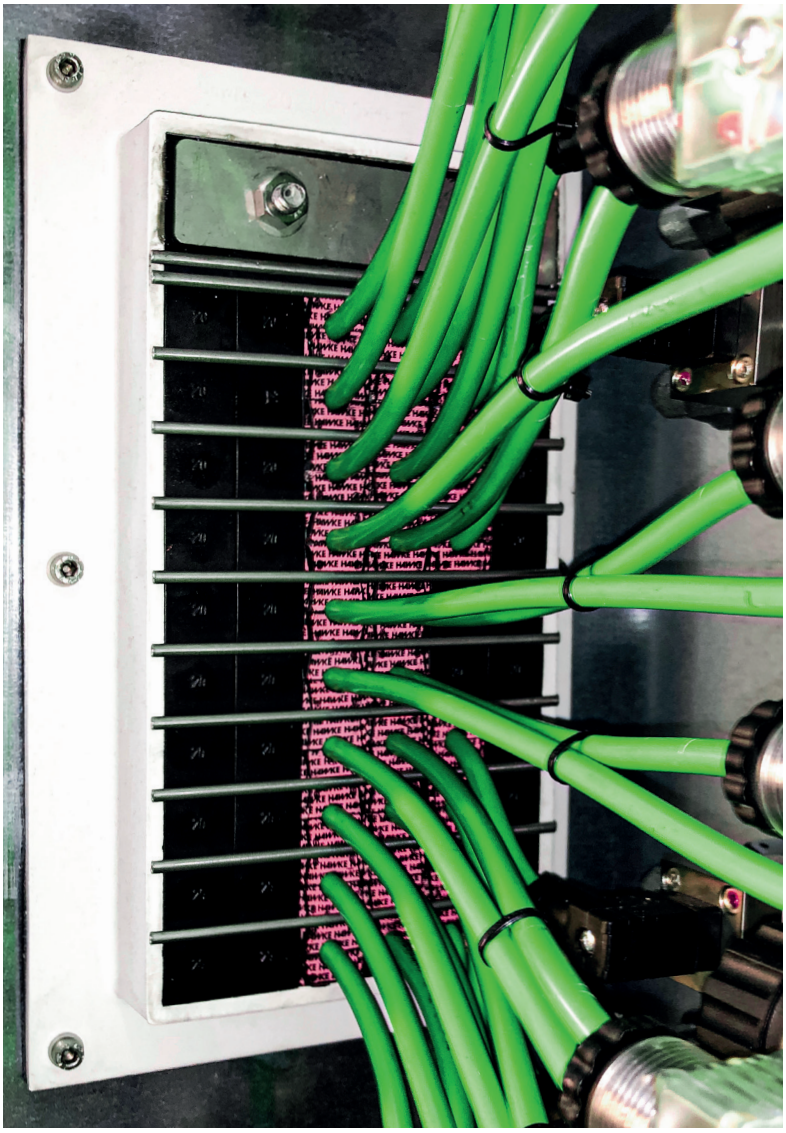
THE PERFECT SEALING SYSTEM FOR CABINETS AND ENCLOSURES

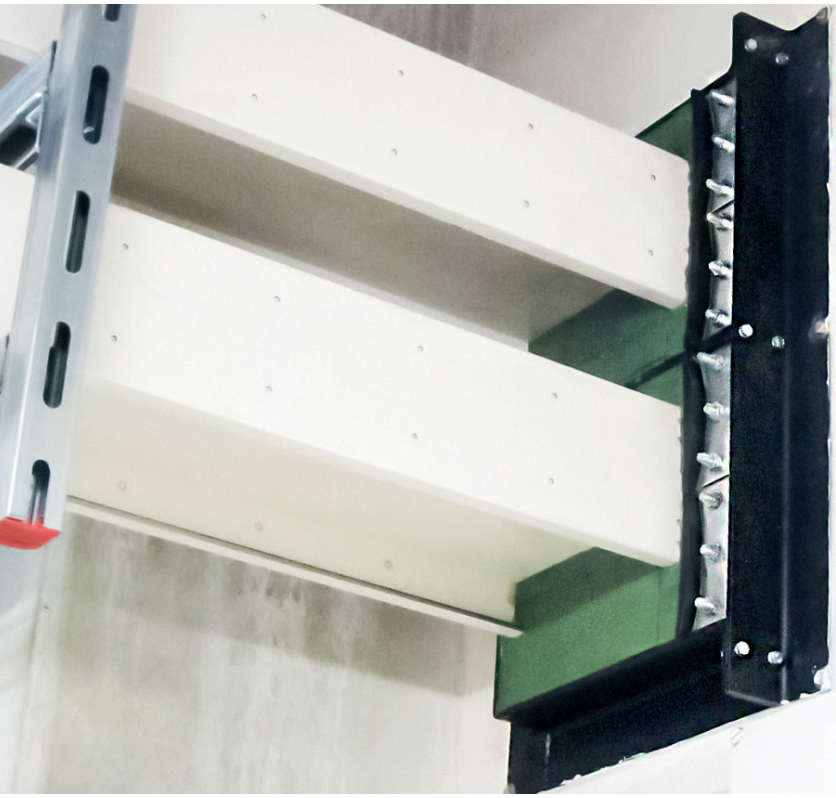
The HTS sealing system has been designed to meet the stringent demands of even the most hazardous environments.

Company's rigorous and severe thorough testing regime has resulted in an impressive list of test reports and certificates by certification bodies worldwide.



HTS the perfect sealing system for:

- Cabinets
- Enclosures
- Electrical Equipment
- Generators
- HVAC Systems
- Junction Boxes
- Panels
- Power Systems
- Structural Facility
- Switchgear
- Transformers
- More...



TAILOR-MADE SOLUTIONS

HTS INTEGRAL SERVICES

The HTS technical support service offers a complete Installation Training Program for your installers.

The progam also enables your technicians to learn the best installation methods thus saving time and preventing mistakes.

The training also ensures that HTS can be installed much faster than other transit systems.

This instruction includes inspection and supervision support in order to detect possible installation mistakes and propose necessary corrective actions.

DEVELOP YOUR OWN MCT DESIGN

HTS Management Software facilitates and speeds up the design of your sealing system; it calculates the material list and its distribution automatically while maintaining traceability of all cable data, saturation percentages per area, etc.

With HMS it is possible to import projects and cable data from an external file, managing thousands of cables and transits in few clicks, allowing you to obtain material lists, detailed drawings, and various project and transit reports.

The software allows for data modification and automatic recalculations, always providing the best combination of components to save time and money.

Its drawings ease installation by showing colour coded blocks, which not only significantly reduce installation time but also maintain complete sealing traceability.

- Save time designing your projects.
- Handle large quantities of cables and transits.
- Import cable schedule and project data.
- Automatically or manually calculate the best combination of materials.
- Export material lists, reports and installation drawings.
- Modify cables position directly on the drawing.
- Preview the transit with colour coded blocks.
- Export project reports for quick RFQ.
- Share the projects through internal server.

Efficient installation
Calculate the best combination of materials.

Manual configuration
Modify and adapt configurations manually.

Preferences selection
Export material lists, reports and installations drawings.

Project preview
Preview the transit with colour coded blocks.

On-site modification
Adjust cable positions directly on the drawings.

Project export
Export project reports for quick RFQ.

HTS INSTALLERS APP

HTS Installers App makes the installation of your transit projects easier and faster, providing all the necessary information for on-site execution.

Designed to be launched from a mobile device (smartphone or tablet), Installers App allows the technician to calculate automatically the best configuration for a transit, obtaining the recommended distribution of the system, material list, drawings with colour code and other important information. All of this is obtained maintaining traceability of the cables and materials.

The technician can consult product information, installation instruction and tips, watch the tutorials and contact HTS technical support.

All these features help to reduce installation time and avoid potential mistakes.

- Save time installing your projects.
- Calculate automatically or manually the best combination of materials.
- Modify and adapt configurations manually.
- Export material list, reports and installation drawings.
- Modify cables position directly on the drawing.
- Preview the transit with colour coded blocks.

ADVANTAGES OF HTS

When using HTS products, the installation process is very simple: **select a specific Tolerant block and install it immediately onto the respective cable.** The installation speed reduces labour costs dramatically compared to alternative products.

No on-site modifications needed

With the special design of the HTS Multi-diameter blocks, you get 4 mm of tolerance in the same block.

HTS's blocks distinctive design feature five sealing faces and four sealing grooves, which provide a better grip and ensure a correct sealing of cables and pipes with inconsistent outer diameter or shape.

Modification of any product is a process that can lead to human error. Indeed, on a large project where thousands of blocks have to be modified, the probability to make a mistake is quite high.

Modifications on-site of any tolerant blocks or element will result in errors, leading the loss of its protection against water, fire, gas and the system's integrity itself.

Total inspectability

The individual block halves are clearly colour-coded and the maximum and minimum diameter of sealing range are perfectly shown on each visible side of the blocks.

The colour-coding allows easy inspectability and fast detection of possible installation errors.

Incorrect assembly
Without colour-coding incorrect assembly is impossible to detect.

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

Correct assembly
Colour-coded block halves provide visual confirmation of correct assembly.

No waste material

No on-site modifications are needed with our system, which brings out one of our main attributes: **HTS does not generate any waste material!**

This means that potential hazards and hidden costs associated with the disposal of waste product are removed.

ENVIRONMENT FRIENDLY

SEALING AGAINST EXTERNAL CONDITIONS

HTS Cabinet Sealing Systems are prepared to seal in different applications, such as electrical enclosures and switch boards, data centres and electrical rooms.

The company's rigorous and severe thorough testing regime has resulted in an impressive list of test reports and certificates by certification bodies worldwide.

Our Cabinet Sealing Systems provide IP-66/67 protection among other features to cable entries within an electrical cabinet/enclosure, avoiding water and dust to penetrate, thus protecting the equipment inside.

Its modular design allows modifications to be done exactly as in standard installations. **Using a H-DM & H-HC is an easier and quicker alternative to using conventional cable glands.**

H-DM

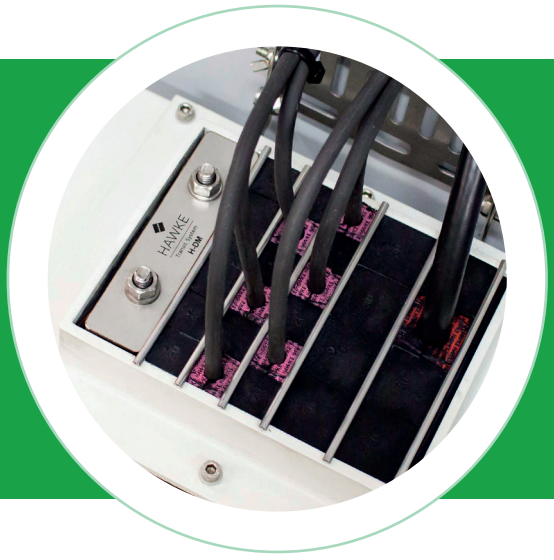
The modular design of the H-DM allows modifications to be done exactly as in standard installations.

Using a H-DM is an easier and quicker alternative to using conventional cable glands.

H-HC

HTS H-HC is a sealing system for cables entering and outdoor electrical cabinets.

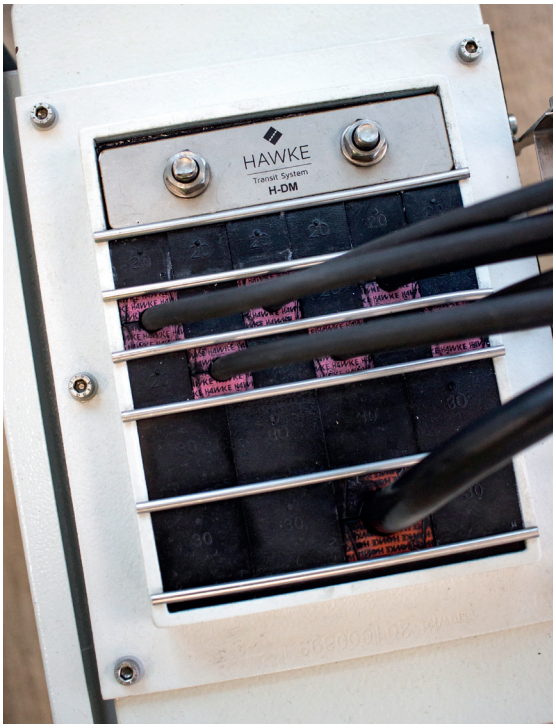
Customised manufacture of the H-HC frame for all types of enclosures. We save time without the use of cable glands.



H-DM System

HTS H-DM is a cable sealing solution specially designed for the sealing of electrical panel-boards and cabinets against dust, water and gas (IP-66 and IP-67.)

FEATURES OF THE HTS H-DM FRAME



HTS Tolerant and Blank blocks

Made of zero halogen elastomer polymer, each block accepts a range of cable/pipe diameters without the need of any modifications, enabling the complete range of standard sizes to be covered by a small number of blocks.

Filler Blocks are used to fill up unused space within the frame. This allows space for any future requirements.

HTS's unique inspectable colour coding shows that the correct sizes of blocks are selected, avoiding installation mistakes and allowing easy inspection.

Frame

Powder-coated aluminum frame manufactured and finished to the highest quality achieving a very low weight.

HTS frames for cabinet sealing systems are designed to be bolted.

Compression System

The final element of the system installation is inserted at the top of the aperture. The Compression System is used to apply and distribute compression throughout the system.

Endpacker unit applies pressure to seal the system, without the need of compression plate or the use of any compression tools.

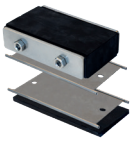
- HTS H-DM is a sealing system for cables entering an electrical cabinet.
- It is modular and an easily upgradable system. No need to make new holes in the case of adding cables.
- Very easy assembly. The installer does not need to modify each block to adapt it to the diameter of the cable.
- A large number of cables can be sealed with a single hole, optimizing the useful space.
- We reduce installation time by 50% compared to cable glands.

H-DM

HTS H-DM is a low weight cable sealing solution, designed to seal electrical panel boards and cabinets against external conditions.

HTS DM Block

HTS Stayplate



HTS CSDM

HTS Lubricant

CHARACTERISTICS

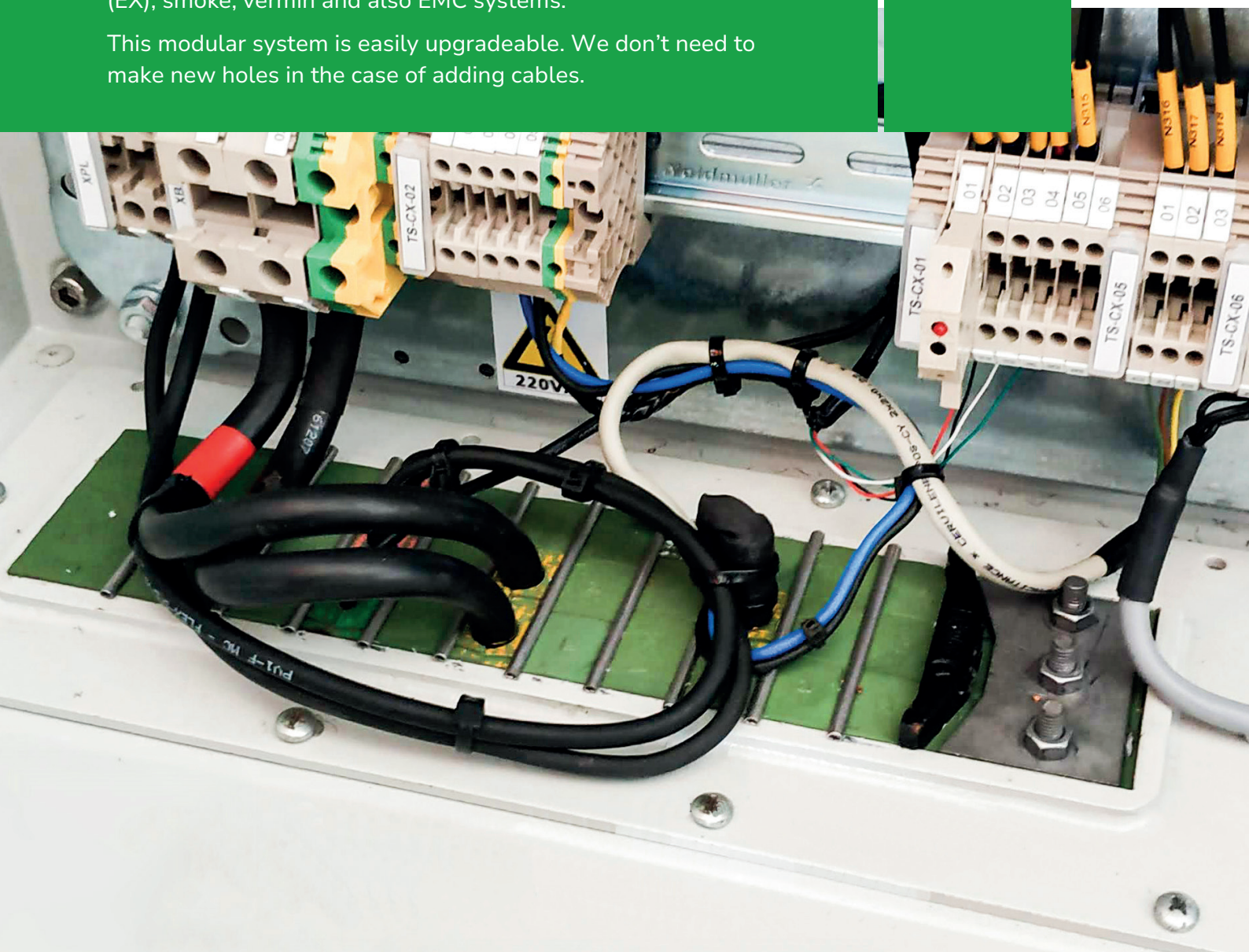
- Available in three standard 120 mm width (internal) sizes (4, 6.3 and 6+6) and in two standard 60mm width (internal) sizes (1 and 5).
- Designed to be bolted inside or outside the electrical panel board/cabinet.
- To be sealed with HTS DM series: DM tolerant and blank sealing modules, CSDM compression system and stayplates.
- Materials: Aluminium.
- IP66 and IP67 protection.

H-HC System

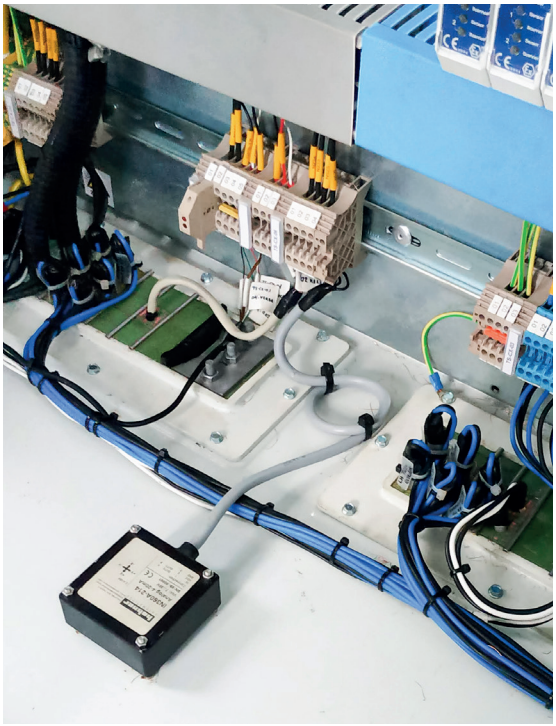
The **H-HC** system is the perfect solution to seal any entering of cables in an electrical cabinet. Following the same design as standard cabinet seals, **HTS H-HC system is designed for electric boxes and cabinets with small dimensions.**

Its certified for fire, water, gas, radiation, chemicals, explosion (EX), smoke, vermin and also EMC systems.

This modular system is easily upgradeable. We don't need to make new holes in the case of adding cables.



FEATURES OF THE HTS H-HC FRAME



Frame

Mild steel or stainless steel frame manufactured and finished to the highest quality. Fully customizable solution, in two different internal sizes with 60 and 120 mm width.

HTS frames for cabinet sealing systems are designed to be bolted.

Compression System

The final element of the system installation is inserted at the top of the aperture. The Compression System is used to apply and distribute compression throughout the system.

Compression system unit applies pressure to seal the system.

HTS Tolerant and Blank blocks

Made of zero halogen intumescent elastomer polymer, each block accepts a range of cable/pipe diameters without the need of any modifications, enabling the complete range of standard sizes to be covered by a small number of blocks.

Filler Blocks are used to fill up unused space within the frame. This allows space for any future requirements.

HTS's unique inspectable colour coding shows that the correct sizes of blocks are selected, avoiding installation mistakes and allowing easy inspection.

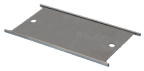
- To be installed (bolted) inside or outside the panels and cabinets.
- To be sealed with blocks and standard HTS compression system, stayplates and lubricant.
- Very easy assembly. The installer does not need to modify each block to adapt it to the diameter of the cable.
- A large number of cables can be sealed with a single hole, optimizing the useful space.
- Also available with EMC technology.

H-HC

HTS H-HC is a total customizable solution that can be adapted for any electrical cabinets and panel boards, allowing the passage of several cables through a single opening, protecting against external agents.

HTS Compression System 60/120 mm

HTS HF Block

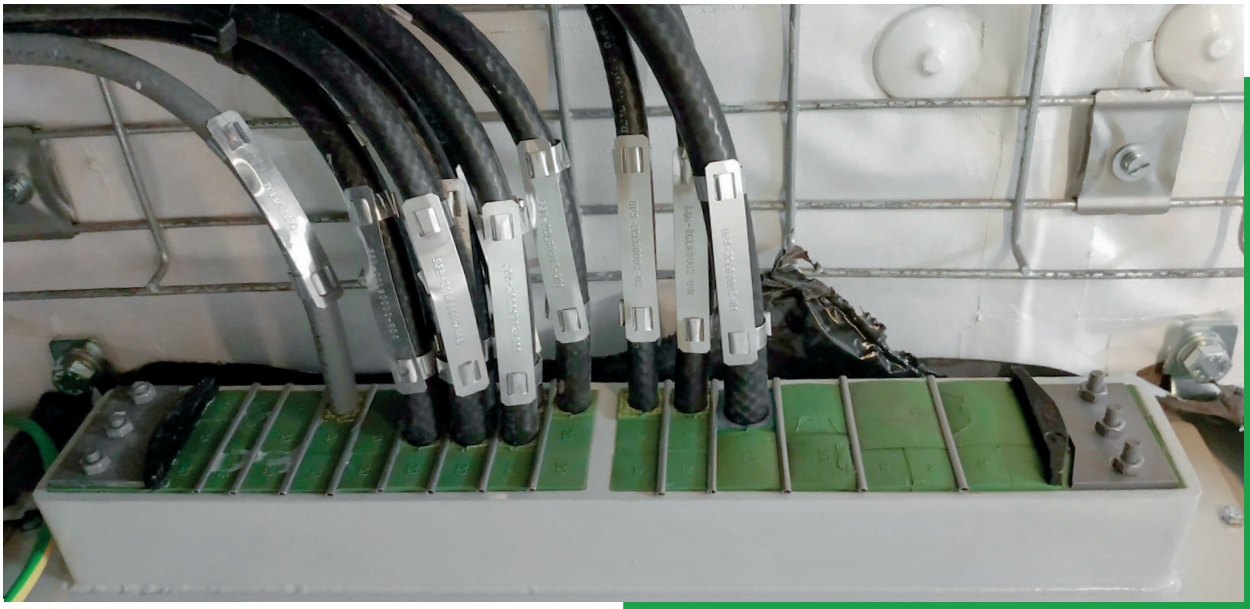


HTS Stayplate

HTS Lubricant

CHARACTERISTICS

- Material: Made of mild steel or stainless steel.
- IP 66 & IP 67 protection.
- To be installed (bolted) inside or outside the panels and cabinets.
- To be sealed with blocks and standard HTS compression system, stayplates and lubricant.



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Disclaimer

The HAWKE Transit System (hereinafter “HTS”) is a modular sealing system made up of several components, such as frames, compression systems, stayplates and sealing blocks.

HTS is a certified sealing system for all its components, so if any of them is not original HTS, the certification will not be valid. The HTS system must be stored in its original box and indoors. Installation must be done in accordance with the HTS installation instructions.

The purchaser of the HTS system has the obligation to determine the suitability of the product for the process, installation and/or use to which it will be put, and assumes all risk and responsibility related to it.

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HTS
SAFETY SEALING SOLUTIONS

HTS Global reach with reliable local support for MCT's

We help industries worldwide maintain safety, efficiency, and compliance—because protecting critical infrastructure can't wait. Our global network of offices and distributors ensures that no matter where your project is, you have full support.

Find your nearest contact at **WWW.HTS-MCT.COM** and get the right solution exactly when you need it.

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