



HAWKE | Transit System

THE SAFEST SYSTEM FOR

CABINET SEALS

WWW.HAWKE-HTS.COM



PROTECT YOUR CABINETS AND ENCLOSURES

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

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

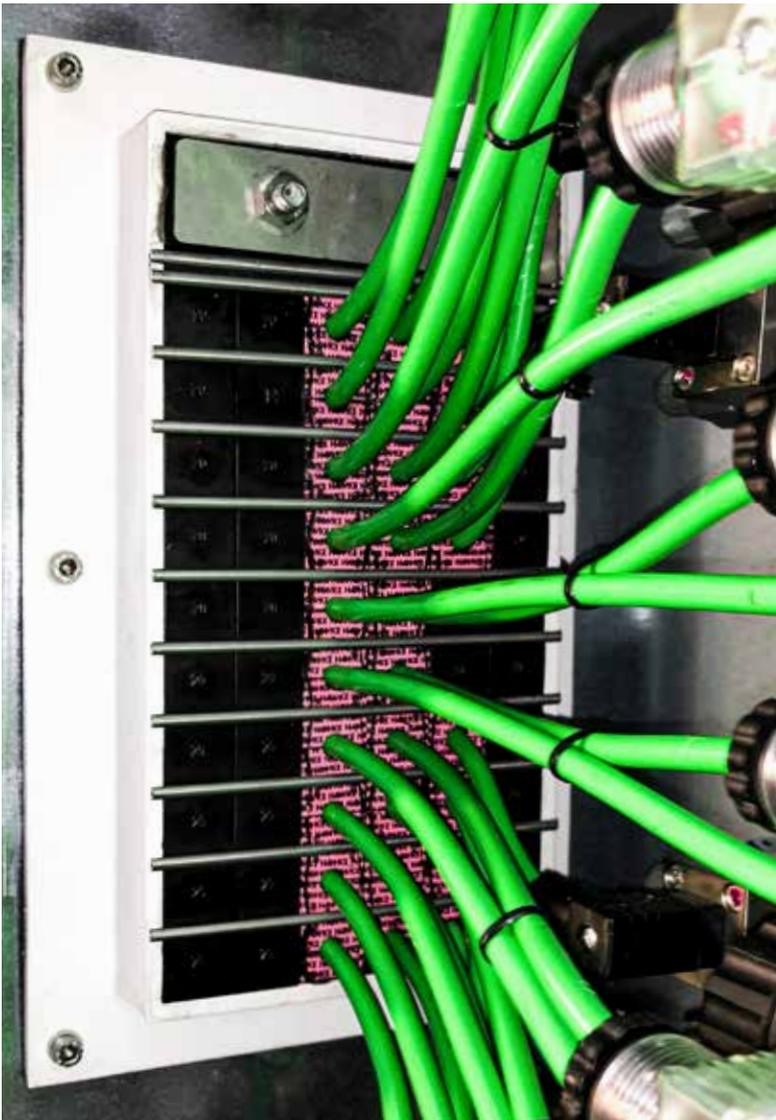
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THE PERFECT SEALING SYSTEM FOR CABINETS AND ENCLOSURES

The Hawke Transit System has been designed to meet the demands of some of the most hazardous areas that can be expected.

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



HAWKE the perfect sealing system for:

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



HAWKE INTEGRAL SERVICES

The Hawke technical support service offers a complete Installation Training program for your installers.

The Installation Training also enables your installers to learn the best installation techniques thus saving time and preventing installation mistakes.

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

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



DEVELOP YOUR OWN MCT DESIGN

Hawke Management Software – HMS

Hawke Management Software makes easier and faster the design of your cable transit projects, calculating material list and distribution automatically, while maintaining traceability of all the cable data, percentages of saturation per area, etc.

HMS allows to import project and cable data from an external file, managing thousands of cables and transits in few clicks and obtaining material lists, detailed transit drawings and different kinds of project and transit reports.

The software allows to modify data and do the recalculation automatically, always giving the best combination of frames and blocks in order to save money and time.

Installation drawings and cable layouts facilitates the installation showing the

colour coded blocks, helping to save time and maintaining traceability of the transits.

- Save time designing your projects.
- Manage big amount of cables and transits.
- Import cable schedule and project data.
- Calculate automatically or manually the best combination of materials.
- Export material list, 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 list, reports and installations drawings.




Project preview
 Preview the transit with colour coded blocks.


On-site modification
 Modify cables positions directly on the drawings.

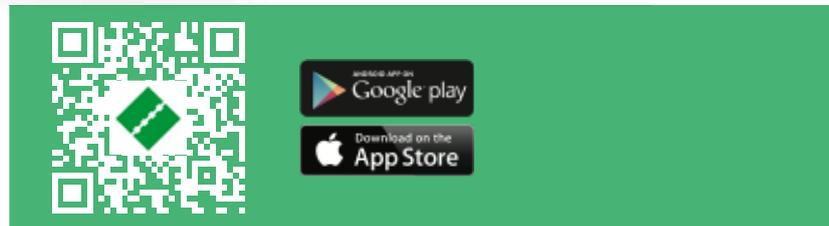

Project export
 Export project reports for quick RFQ.

HAWKE INSTALLERS APP

Hawke Installers App makes easier and faster the installation of your transit projects, approaching all the necessary information to the construction point.

Designed to be launched from a portable device (smart-phone or tablet), Installers App allows the installer to calculate automatically the best configuration for a transit, obtaining 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 installer can consult product information, installation instruction and tips, watch the installation tutorials and contact Hawke Transit System technical support.



All these features help to reduce installation time and avoid potential installation 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 HAWKE TRANSIT SYSTEM

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



**No on-site
modifications
needed**

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

Hawke's blocks distinctive design features five sealing faces and four sealing grooves, which provides a better grip and ensures 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 to losing its protection such as against water, fire, gas and the system 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.

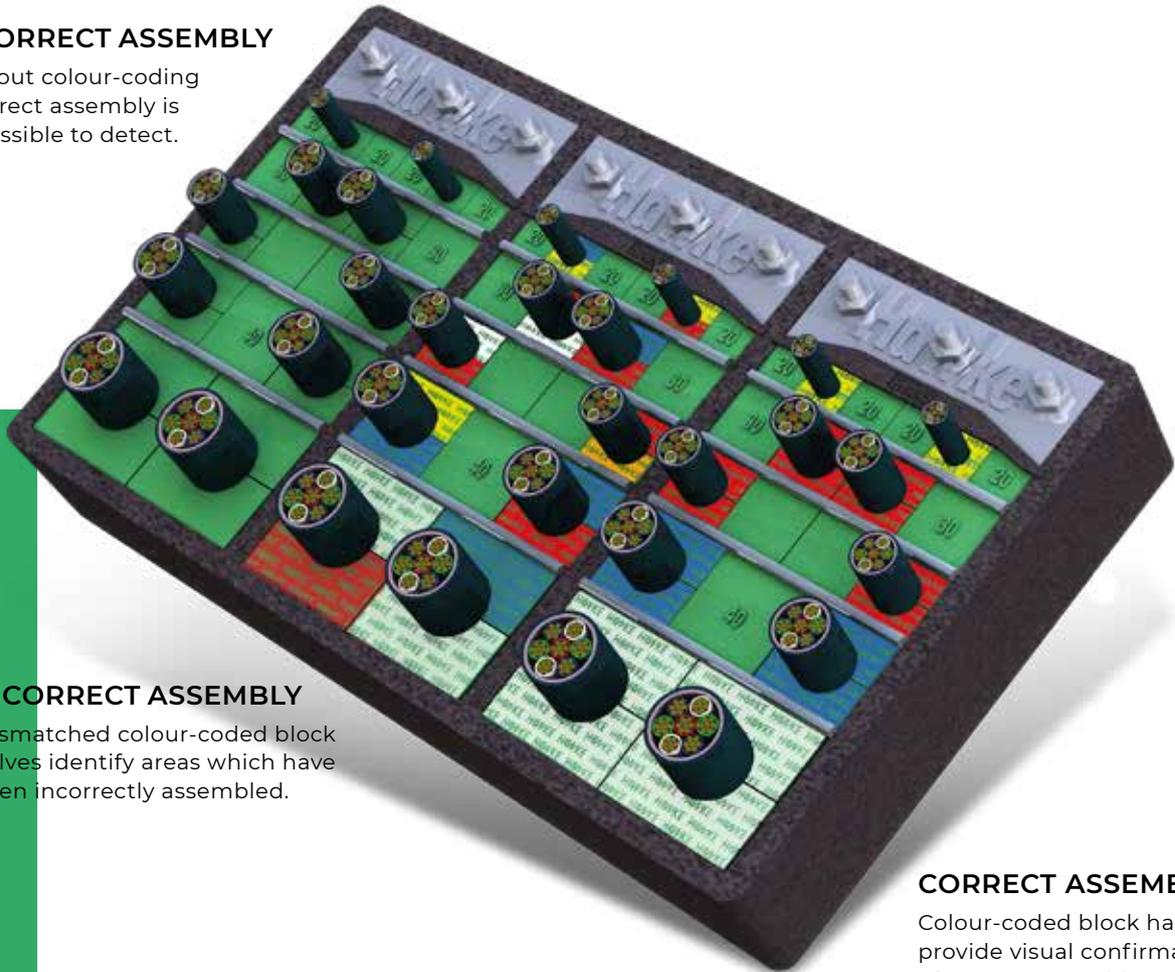
The color-coding allows easy inspectability and fast detection of possible installation errors.

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 cost associated with the disposal of waste product are removed.

ENVIRONMENT FRIENDLY

SEALING AGAINST EXTERNAL CONDITIONS

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

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

Hawke 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

Hawke 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 IP67)

FEATURES OF THE HAWKE H-DM FRAME



Frame

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

Hawke 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.

- Hawke H-DM is a sealing system for cables entering an electrical cabinet.
- It's modular and an easily upgradable system. We don't 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

Hawke H-DM is a low weight cable sealing solution, designed for the sealing of electrical panel boards and cabinets against external conditions.



Hawke DM Block

Hawke Stayplate

Hawke CSDM

Hawke 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 Hawke 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, **Hawke 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 HAWKE H-HC FRAME



Frame

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

Hawke Tolerant and Blank blocks

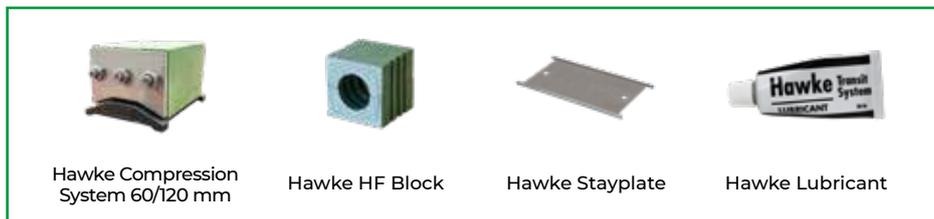
Made of zero halogen intumescent elastomer polymer, each block accepts a range of cable/pipe diameters without the need of any modifications, enabling the complete range of standard sizes to be covered by a small number of blocks. Filler Blocks are used to fill up unused space within the frame. This 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 HAWKE 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

Hawke 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.



CHARACTERISTICS

- Material: Made of mild steel or stainless steel.
- To be installed (bolted) inside or outside the panels and cabinets.
- IP 66 & IP 67 protection.
- To be sealed with blocks and standard HAWKE 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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SEALING THE WORLD



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