

A photograph showing two large, black, pre-insulated pipes laid out in a trench. The pipes are positioned side-by-side, and the joint between them is coated with a dark, glossy material. The trench walls are made of earth, and the ground between the pipes is covered with gravel and some dry leaves. The lighting is bright, creating a strong reflection on the glossy joint coating.

# FUSED

JOINT COATING TECHNOLOGIES FOR PRE-INSULATED PIPELINES

***IntelliFUSE SUPERCASE SYSTEM™***

**CANUSA-CPS**

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## JOINT COATING TECHNOLOGIES FOR PRE-INSULATED PIPELINES

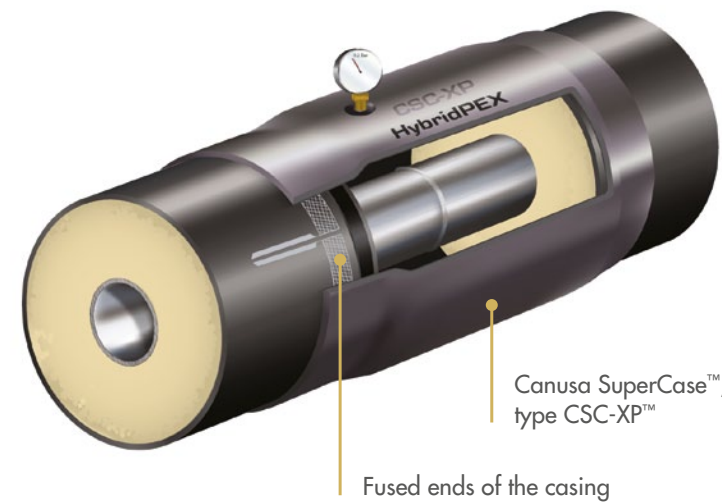
IntelliFUSE SUPERCASE SYSTEM™

The latest generation of SuperCase™ line of products in combination with modern electro-fusion technology reaffirms Canusa-CPS as the industry leader.

### SuperCase™

The well-established Canusa SuperCase™ line of products integrates the advantages of cross-linked and uncross-linked high density polyethylene into a single product. The patented, multilayer CSC-XP™ casing technology offers:

- Resistance to premature recovery in hot climates
- Extremely fast application time
- Proven long term performance and reliability with over a million joints already protected
- Strong platform for effective and robust electro-welding process



### IntelliFUSE™

IntelliFUSE™ automates welding of casing systems across pre-insulated pipe joints. The pragmatic features incorporated into the IntelliFUSE™ equipment design include:

- Simple and intuitive operation menus accessible through touch screen interface
- Built-in quality control/traceability system with GPS location tracking
- Direct welding temperature control for consistent and robust weld of every joint
- Compact and durable packaging built to withstand rigours of pipeline construction site



### IntelliFUSE SuperCase System™

The unique attributes of the SuperCase™, type CSC-XP™, revolutionize the speed, efficiency and reliability of the field welding process. Paired with IntelliFUSE™, the system provides unmatched value proposition for the field-installed, electro-fused joint protection system utilized on pre-insulated pipelines.

#### Reduced installation time (improved productivity)

Fusion cycle starts right after shrink down of the CSC-XP™ SuperCase™ consequently eradicating long cooling wait times required by competitive systems.

#### Elimination of field equipment (cost reduction)

Expendable tape is used to reinforce the fusion area thus eliminating the need for custom built mould solutions.

#### Built-in quality control system (performance assurance)

Fusion data is logged and verified for every joint as an additional quality control measure.

#### Out-of-round pipe conformance (forgiving installation)

Tubular design of the product and shape memory imparted through cross-linking ensure superior conformance of the casing to out-of-round and misaligned pipes.



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Quality Management system registered  
to ISO 9001