



# F-CORD IC

IMPLOSIVE CONNECTOR FOR POWER LINES

## PURPOSE OF USE AND APPLICABILITY

F-Cord IC implosive connector is a compression connector for installation between conductors, where the compression force is created by the pressure produced by a detonating cord. A typical application is an uncoated steel-reinforced aluminium conductor (ACSR/AACSR).

Implosive connector consists of a sleeve made of aluminium alloy, around which a detonating cord is wrapped. F-Cord 10 detonating cord contains pure pentrite explosive (PETN) with a very high velocity of detonation. There is a small steel sleeve for the steel strands of the conductor inside the aluminium sleeve.

It is recommended to ignite implosive connector with a shock tube, but a plain detonator can also be used under certain conditions.

## OPERATION

Implosive connectors can be used by a person with a younger charger's license at minimum. Training is also available for the use of implosive connectors.

**ATTENTION:** Purchasing implosive connectors requires a valid transfer certificate.

## THE MAIN BENEFITS:

- Installation time and thus the total cost of installation is reduced in comparison to hydraulic compression fittings.
- 80% of the materials used in the product are recycled.
- Made in Finland according to standards.

## F CORD 10 DETONATING CORD

F-Cord 10 is a flexible plastic-coated detonating cord. Its explosive material is pentrite (PETN). The coating is PVC plastic, or the environmentally friendlier thermolastic used in F-Cord 10T.

The product is manufactured in Finland.

In manufacturing, we comply with ISO 9001 and ISO 14001 standards.

Implosive connectors are CE approved.

## MANUFACTURER INFORMATION:

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## TECHNICAL SPECIFICATIONS

| Product            | Length/<br>Internal diameter | Net<br>weight | Pcs /<br>package | Kg /<br>package<br>(gross) | Conductor<br>EN code |
|--------------------|------------------------------|---------------|------------------|----------------------------|----------------------|
| F-CORD IC Finch    | 660 / 36 mm                  | 0,4 kg        | 3                | 16 kg                      | 565-AL1/72-ST1A      |
| F-CORD IC Duck     | 520 / 25 mm                  | 0,3 kg        | 3                | 9 kg                       | 305-AL1/39-ST1A      |
| F-CORD IC Sustrong | 460 / 16 mm                  | 0,2 kg        | 3                | 6 kg                       | 106-AL2/25-ST1A      |

TRADE NAME: F-CORD IC  
UN NUMBER: 0442  
SHIPPING NAME: EXPLOSIVE CHARGES, COMMERCIAL, without detonator  
CLASSIFICATION: 1.1D  
NOTIFIED BODY: CE 0589 (BAM, GERMANY)

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