

## Confidex Steelwave Micro™ Installation Instructions

In this document, Confidex Steelwave Micro™ Class1 Gen2 UHF tag, installation instructions are divided into two sections. First part, Tag Orientation, will show what must be taken into account when choosing the tag location in order to get the maximum performance. The second section, Tag Fixing, shows the best practice for fixing the tag.

For product and mounting material specification, please refer the product brochure and data sheet.

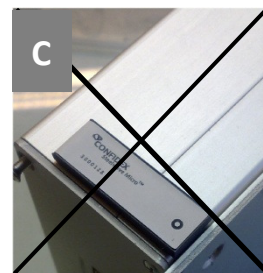


### TAG ORIENTATION

- Tags polarization is aligned with the “Confidex” text (Picture 1).
- Tag design is optimized for on-metal use: In order to achieve the best performance level, Steelwave Micro must be placed on a metal surface. Tag is functional also on non-conductive surfaces but won’t reach the best performance level.
- The background metal surface should be as large as possible around the tag (picture 2A). If the surface is small, or the tag should be installed close to the surface edge, select a placement with most metal area on the right side of the tag. Therefore, placement in the picture 2B is better than in the picture 2C. In order to achieve the best performance, avoid placing the tag like in the picture C and prefer A and B methods.



Picture 1 Tag polarization



Picture 2A: Ideal tag placement with relatively large metal surface around the tag. 2B: Leave free metal area at least on the tag’s right side. 2C: Avoid placing the tag without metal area on its right side.

## TAG FIXING

### ADHESIVE ATTACHMENT:

- **Acrylic adhesive**

High performance acrylic adhesive is supplied with Steelwave Micro as a default. Installation with adhesive is easy and quick; after selecting the location for the tag remove the adhesive liner and press the tag on the surface.

**PROCEDURE:** Maximum bond strength is obtained when the surface is clean and dry. Ideal application temperature is from 21°C to 38°C (70°F to 100°F). Bond strength can be further improved with firm application pressure and moderate heating from 38°C to 54°C (100°F to 130°F). Application at temperatures below 10°C (50°F) is not recommended.

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