

Environmental Specifications

Operational temperature	-40°C to +85°C
Survival temperature	-50°C to +250°C
Chemical resistance	Withstands drilling fluids and hydraulic fluids including hydrogen sulphide.
IP rating	IP68, IP69K
Compression strength	13,000 psi (89 MPa)
Shock (drop)	3 ft (1 m) to concrete/granite
Vibration	MIL-STD-810G

Industry Compliance

RoHS	EU Directive 2011/65/EU
CE	Yes
ATEX/IECEX	Compliant
Warranty	1 year

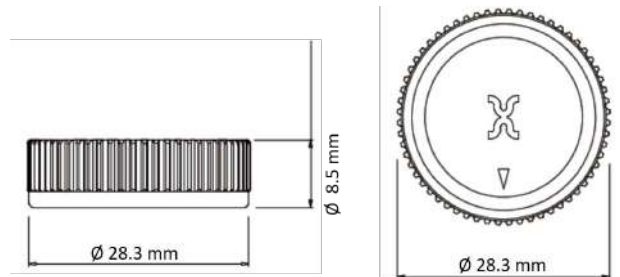
Order Information

X1115-US101-H3	Xplorer Downhole US
X1115-EU101-H3	Xplorer Downhole EU
Optional service	Encoding / Printing / Laser etching



Product Dimensions and Weight

Dimensions (in)	ø 1.11 x 0.33
Tolerance	+/- 0.004
Dimensions (mm)	ø 28.3 x 8.5
Tolerance	+/- 0.1
Weight	0.89 oz (25.4 g)



Installation Instructions

1. Create a flat surface sized to the recommended dimensions on the connect part of the drill pipe by using the milling machine.
2. Chamfer the length edge of the flat surface. This could help to reduce the wear during pipe drilling.
3. Drill a blind hole in the center of the flat surface at the recommended diameter and depth by drilling machine.
4. Clean the hole.
5. Place the Xplorer tag onto the asset near the hole with the side facing up. For maximum reading range, the mark on Xplorer surface need to face to longer free metal surface side
6. Use a press, such as an arbor press or a drill-press, and chuck the driver tool in the press
7. Visually align the asset and nested Xplorer with the driver tool.
8. Use the press to install the Xplorer until it is 0.5 mm below the pipe surface.

About Xerafy

Xerafy designs and manufactures the world's toughest RFID tags to power Industrial IoT applications in Aerospace, Oil & Gas, Automotive, Healthcare and Manufacturing.

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