



# DURAZIP

## Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2, ISO 18000-63
- **Frequency** 902-928 MHz (US); 865-868 MHz (EU)
- **IC type(chip)**<sup>1</sup> Alien Higgs 9
- **Chip memory** 96 bits EPC; 96 bits TID; 688 bits user memory
- **Read range** handheld<sup>2</sup> Up to 5 ft (1.52 m)
- **Polarization** Linear



## Applications

- Valves, pipes & industrial equipment

## Environmental Specifications

### Temperatures



- Operational -40°C to +85°C  
-40°F to +185°F
- Survival -40°C to +125°C  
-40°F to +257°F

- **IP rating** IP68
- **IK impact rating:** IK10
- **Shock** 3 ft (1 m) to concrete/granite
- **Vibration** MIL-STD-810G
- **Warranty** 1 year

<sup>1</sup> The chip data retention is up to 50 years, based on chip operating under general environment conditions.

<sup>2</sup> On metal.

<sup>3</sup> The chemical resistance is based on the concentration of solutions and application environment. Please contact Xerafy for further details on chemical resistance.

## Physical Specifications

- **Material** PC/PBT, stainless steel cable
- **Dimensions (in)**<sup>1</sup> 1.40 x 1.20
- **Dimensions (mm)**<sup>1</sup> 35.56 x 30.48
- **Thickness (in)**<sup>1</sup> 0.70
- **Thickness (mm)**<sup>1</sup> 17.78
- **Weight** 1.40 oz (40 g)
- **Cable Length (in)** 12/24

<sup>1</sup>Tolerance: +/- 0.004; +/- 0.100

## Mounting Systems

- 3mm Stainless Steel Cable with Integrated Cable Lock

## Industry Compliance



## Order Information

### 12 in cable version

DURAZIP US: X3530-US100-H9

DURAZIP EU: X3530-EU100-H9

### 24 in cable version

DURAZIP US: X3530-US120-H9

DURAZIP EU: X3530-EU120-H9

## Customization Options

Encoding

Two Cable Length Choice

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