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)[1] Alien Higgs 9
- **Chip memory** 96 bits EPC; 96 bits TID; 688 bits user memory
- **Read range**handheld[2] Up to 5 ft (1.52 m)
- **Polarization** Linear

Applications

- **Valves, pipes & industrial equipment**

Environmental Specifications

Temperatures

- Operational -40°C to +125°C
  -40°F to +257°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

[1] The chip data retention is up to 50 years, based on chip operating under general environment conditions.
[2] On metal.
[3] 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)[1]** 1.40 x 1.20
- **Dimensions (mm)[1]** 35.56 x 30.48
- **Thickness (in)[1]** 0.70
- **Thickness (mm)[1]** 17.78
- **Weight** 1.40 oz (40 g)
- **Cable Length (in)** 12/24

[1] Tolerance: +/- 0.004; +/- 0.100

Mounting Systems

· 3mm Stainless Steel Cable with
  Integrated Cable Lock

Industry Compliance

RAIN RFID   RoHS 2002/95/EC   REACH COMPLIANCE   CE   ETSI   FC   ISO 9001:2015   ISO 14001

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