Extra Large Desiccant

Part number 0090420

Description

The Extra Large Desiccant is a clear acrylic tube filled with 52 grams of replaceable indicating desiccant. The Extra Large Desiccant is designed to protect the vented RuggedCable® System, instruments, and battery packs deployed in high-humidity environments or infrequently maintained sites. The Extra Large Desiccant provides six times the drying capability of the Large Desiccant.

Specifications

Materials	Acrylic, ABS plastic, HDPE membranes
Environmental Rating	IP-67, weatherproof, not designed for submersion
Size	3.2 cm (1.25 in.) O.D., 18.8 cm (7.40 in.) length
Desiccant	Approx. 52 g silica gel, type 4
Estimated Desiccant Life*	Approx. 9 months @ 35° C, 90% Relative Humidity

*Desiccant lifetime is dependent on site conditions.

Connections

1. Remove the protective dust cap from the desiccant pack connector. Retain the cap for later use.

2. Remove the small desiccant (if present) from the intended connector.

3. Attach the Extra Large Desiccant to the connector. If the connector is a twist-lock, ensure you twist the textured sleeve over the desiccant until it clicks.

4. Remove the tape covering the two hydrophobic membranes of the desiccant pack.

Desiccant Guidelines and Precautions

- The soft red dust caps protect connectors and shield new desiccant from moisture prior to use. **Do not remove the dust caps until you deploy the system**. During installation, remove caps to allow air to reach the cable vent.

- Do not inhale the silica dust when pouring desiccant from one container to another.

- Indicating desiccant is blue when dry. It gradually turns pink as it becomes saturated.

Desiccant stages (from left)
New, nearly expired (replace now), expired

- Replace desiccant before the entire volume has turned pink.
- Desiccant absorbs moisture from the top down. The black cap indicates the top.

> ⚠️ Remember, replace desiccant before it expires to prevent electronic damage to your instrument.