

Rugged Aluminum Enclosures

Rose+Bopla's diecast aluminum enclosures have clean lines and smooth round corners for a high-tech modern look. Die-casting ensures the maintenance of close tolerances on all aluminum enclosures, and the Rose+Bopla tongue and groove gasket design has become the industry standard for aluminum enclosures.

Each aluminum enclosure consists of a powdercoated die-cast base and lid, captive stainless steel lid screws, copper ground screws and a non-removable polyurethane gasket. These aluminum enclosures are painted a standard silver gray, but are also offered in an unpainted version that can be modified to meet your specific application needs. Rose+Bopla offers a number of secondary services like painting, powdercoating, machining, silk-screening and assembly, all in-house.



TECHNICAL DATA for Aluminum Enclosures:

- Color: Powder-coated Version-Silver Gray similar to RAL 7001.
- Material: Aluminum, ALSi 12, DIN 1725
- Gasket Temperature Range: Polyurethane Foam Gasket -40°F to +194°F.
- Impact Resistance: >7Nm, EN50014.
- Captive Stainless Steel Lid Screws.
- Protection Classifications: up to IP 66, EN 60529 (Nema 4X)

Approvals for Aluminum Enclosures:

- File #E206630, Listed UL 50, UL 508
- CSA Approved
- Det Norske Veritas File #8281.1/FERe
- Maritime Register of Shipping #83033.250