

1-Basic Boxes

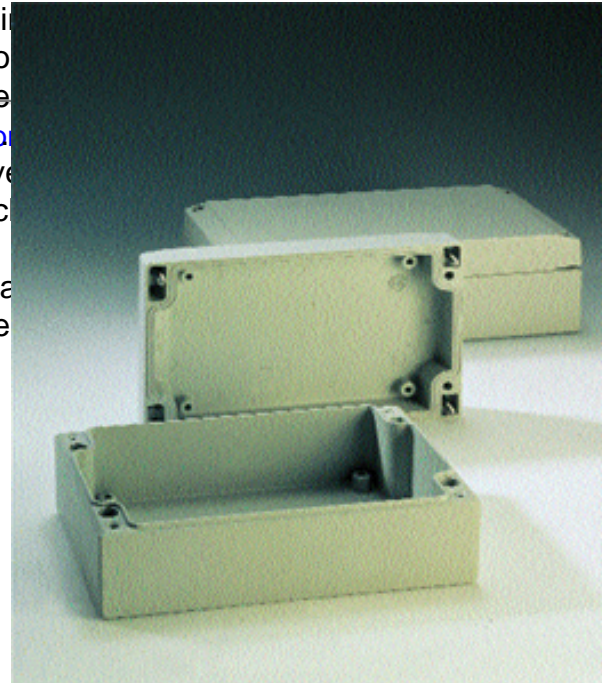
Aluform Watertight Enclosures

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Rose+Bopla's **Aluform Enclosures** are stylish, aluminum die-cast housings specifically designed for rugged electronic instrumentation applications. Aluform enclosures feature an attractive beveled lid and are designed for low profile height. The Rose+Bopla standard series housings have threaded internal mounting bosses in the base and lid provide convenience for component installation. New hinges, and one-piece external brackets are available as options.

An Aluform enclosure includes a powdercoat painted die-cast base and captive stainless steel lid screws and a non-removable polyurethane as the standard configuration. The unpainted version comes with a removable neoprene gasket.



TECHNICAL DATA:

Color: Powdercoated Version—Agate Gray similar to RAL 7038. Special colors are available. See paint specifications in the Technical Information Chapter.

Material: Aluminum, AL Si 12. See Aluminum specification sheets in the Technical Information Chapter.

Impact Resistance: >7Nm, EN50014

Approvals: File #66473, UL 50, UL508

Captive Lid Screws

Aluform Watertight Aluminum Enclosures—Painted					
Part Number	Length (Inches/ mm)	Width (Inches/ mm)	Height (Inches/mm)	Weight (lbs)	Drawing Page#
04080808 00	3.15 / 80	3.15 / 80	3.19 / 81	0.93 lbs	16-24
04081208 00	3.15 / 80	4.72 / 120	3.19 / 81	1.15 lbs	16-24
04101006 00	3.94 / 100	3.94 / 100	2.40 / 61	1.10 lbs	16-25
04101606 00	6.30 / 160	3.94 / 100	2.40 / 61	1.54 lbs	16-25
04102006 00	7.87 / 200	3.94 / 100	2.40 / 61	1.76 lbs	16-26
04121208 00	4.72 / 120	4.72 / 120	3.19 / 81	1.48 lbs	16-26
04121608 00	4.72 / 120	6.30 / 160	3.19 / 81	1.83 lbs	16-27
04141407 00	5.51 / 140	5.51 / 140	2.80 / 71	1.76 lbs	16-28
04141807 00	7.09 / 180	5.51 / 140	2.80 / 71	1.99 lbs	16-303
04142207 00	8.66 / 220	5.51 / 140	2.80 / 71	2.43 lbs	16-304
04161608 00	6.30 / 160	6.30 / 160	3.19 / 81	2.54 lbs	16-29
04162408 00	6.30 / 160	9.45 / 240	3.19 / 81	3.20 lbs	16-29
04202007 00	7.87 / 200	7.87 / 200	2.80 / 71	2.87 lbs	16-30
04202807 00	10.27 / 289	7.87 / 200	2.80 / 71	3.31 lbs	16-30
Aluform Watertight Aluminum Enclosures—UnPainted					
Part Number	Length (Inches/ mm)	Width (Inches/ mm)	Height (Inches/mm)	Weight (lbs)	Drawing Page#

04080808 85	3.15 / 80	3.15 / 80	3.19 / 81	0.93 lbs	16-24
04081208 85	3.15 / 80	4.72 / 120	3.19 / 81	1.15 lbs	16-24
04101006 85	3.94 / 100	3.94 / 100	2.40 / 61	1.10 lbs	16-25
04101606 85	6.30 / 160	3.94 / 100	2.40 / 61	1.54 lbs	16-26
04102006 85	7.87 / 200	3.94 / 100	2.40 / 61	1.76 lbs	16-26
04121208 85	4.72 / 120	4.72 / 120	3.19 / 81	1.48 lbs	16-27
04121608 85	4.72 / 120	6.30 / 160	3.19 / 81	1.83 lbs	16-28
04141407 85	5.51 / 140	5.51 / 140	2.80 / 71	1.76 lbs	16-303
04141807 85	7.09 / 180	5.51 / 140	2.80 / 71	1.99 lbs	16-304
04142207 85	8.66 / 220	5.51 / 140	2.80 / 71	2.43 lbs	16-29
04161608 85	6.30 / 160	6.30 / 160	3.19 / 81	2.54 lbs	16-29
04162408 85	6.30 / 160	9.45 / 240	3.19 / 81	3.20 lbs	16-30
04202007 85	7.87 / 200	7.87 / 200	2.80 / 71	2.87 lbs	16-30
04202807 85	11.02 / 280	7.87 / 200	2.80 / 71	3.31 lbs	

Note: Dimensions are external. Metric is the primary dimension.
Inch conversions and weights are for the user's convenience and are for reference only. Accessories are listed on drawing page.

Protection Classifications:

NEMA Types: up to Nema 4X

IP 66, EN 50014

Gasket Temperature Range:

Neoprene Gasket: -40°F to +212°F

Polyurethane Foam Gasket -40°F to +194°F

Silicone Gasket -76°F to +266°F

RFI Gasket -40°F to +302°F

