



# BASIC BOXES



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## Polycarbonate Watertight Enclosures



Rose+Bopla's Polycarbonate Watertight enclosure offers exceptional design possibilities in high quality plastic at low prices. A broad range of sizes covers a wide array of widths and depths. Ideal where high impact resistance or chemical corrosion must be addressed at a reasonable cost. Wall mounting holes are molded into each corner. These holes are outside the internal chamber to maintain the enclosures watertight integrity. The lid must be removed to utilize the wall mounting feature. This is a basic shoe box design made of injection-molded polycarbonate.

Rose+Bopla's Polycarbonate Watertight enclosures are designed for use in the electro-mechanical and the electronics industry. They are good for small instruments and junction boxes. Typical applications are relay module enclosures, geophysical sensing equipment and temperature control monitors.

This Polycarbonate box comes with a solid color lid and base, captive stainless steel lid screws, molded-in lid screw inserts in the base and a neoprene gasket.

### TECHNICAL DATA:

- Color: Light Gray similar to RAL 7035, with a high-gloss finish.
- Material: Injection-molded Polycarbonate.
- Protection Classifications:  
Nema 4X,  
IP66, EN60529
- Gasket Temperature Range:  
Neoprene Gasket -40° F to +212° F
- Surface Resistance: >10<sup>15</sup> Ohm / VDE 0303.
- Disruptive Strength: >30 KV / mm / VDE 0303.
- Toxicity: Halogen Free.
- Approvals: UL Listed File #E206630, UL 50, UL 508  
CSA Approved  
Flammability: UL 94 V2

Polycarbonate Watertight Enclosures					
Part Number	Length Inches/mm	Width Inches/mm	Height Inches/mm	Weight lbs.	CAD
02205000	2.04/52	1.96/50	1.37/35	.08	
02206000	2.55/65	1.96/50	1.37/35	.11	
02210000	3.22/82	3.14/80	2.16/55	.30	
02225000	3.22/82	3.14/80	3.34/85	.38	
02215000	4.72/120	3.14/80	2.16/55	.48	
02226000	4.72/120	3.14/80	3.34/85	.49	
02220000	6.29/160	3.14/80	2.16/55	.51	
02231000	6.29/160	3.14/80	3.34/85	.61	
02217000	4.80/122	4.72/120	2.16/55	.52	
02227000	4.80/122	4.72/120	3.34/85	.65	
02228000	4.80/122	4.72/120	4.13/105	.77	
02238000	6.29/160	4.72/120	3.54/90	.87	
02246000	6.29/160	4.72/120	5.51/140	1.32	
02221000	7.87/200	4.72/120	2.95/75	.87	
02237000	7.87/200	4.72/120	3.54/90	1.03	
02242000	9.44/240	4.72/120	3.93/100	1.04	
02223000	7.87/200	5.90/150	2.95/75	1.15	
02240200	9.44/240	6.29/160	3.54/90	1.43	
02243000	9.44/240	6.29/160	4.72/120	1.75	
02251000	14.17/360	6.29/160	3.93/100	2.17	
02255000	14.17/360	7.87/200	5.90/149	3.41	
02253000	11.81/300	9.05/230	3.34/85	2.01	
02254000	11.81/300	9.05/230	4.33/110	2.54	

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

We have attempted to present the information about our enclosures on this website in a straight-forward manner. We offer this information as accurate at the time of publication. Specifications are subject to change without notice. Rose+Bopla Enclosures is not responsible for inadvertent errors.

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