

Type 4X, 6P Polycarbonate & General Purpose ABS Enclosures 1555

Series

Watertight, Styled Lid, UL Listed Options

NEW SIZES



Key Features

- Ideally suited for mounting printed circuit boards or DIN rail mounted components.
- Styled lid version provides a smooth, recessed surface on lid for a membrane keypad or label.
- Standoffs molded in the interior of the lid (except for sizes "A" and "B"). Designed for #6 self tapping screws.
- Enclosure color is a light gray (RAL 7035).
- Gasketed lid with two piece tongue and groove construction provides protection against access of oil, dust, and water.
- Replaceable gasket is one piece made from high temperature UL listed silicone. Supplied loose inside the enclosure (not pre-installed).
- Lid is secured with included M4 stainless steel machine screws which are threaded into corrosion resistant inserts. All hardware is designed to avoid corrosion caused by harsh environments over time.
- Lid screws are self capturing. Lid holes are threaded with the first installation of lid screws.
- Internal features are maximized for mounting options and vary with size:
 - Internal DIN rail mounting tabs molded into most models, except sizes "C" and "D".
 - Threaded (M3) integral brass inserts and/or standoffs (for #6 self tapping screws) for PC board or inner panel mounting in all but the smallest sizes ("A" and "B").
 - Vertical PC card guides (for 1.5 mm thick P.C. boards) are molded in all but the smallest sizes ("A" and "B").
- **Some chemicals can damage or weaken plastic. Please read our Chemical Resistance Statement under Downloads for more information.**

Ratings:

ABS

- ABS versions are molded from general purpose material which carries a flammability rating of UL94-HB. For indoor use.
- ABS versions are not UL listed but have been tested to and meet IP66 ratings.
- ABS versions carry an impact rating of IK07 per IEC 62262:2021.
- Recommended operating temperature: -20°C to +60°C (-4°F to +140°F).

Polycarbonate

- Polycarbonate versions are UV stabilized for outdoor use. Gray polycarb carries a UL94-5VA rating, while clear and smoked lids carry a UL94V-0 rating.
- Polycarbonate versions are cUL and UL 508A listed under file #E65324.
- Polycarbonate versions have been independently tested to meet IP66, IP67, and IP68 as well as NEMA Type 4, 4X, 6, 6P, 12 & 13 ratings.

- Exception: 1555V2GY is Type 4, 4X only.
- Polycarbonate versions carry an impact rating of IK08 per IEC 62262:2021.
- Recommended operating temperature: -40°C to +110°C (-40°F to +230°F).
 - Customers should conduct their own testing to determine suitability for any specific application.

Photo Features:



Styled lid offers a modern look and a smooth recess perfect for membrane keypads or labels

Standoffs molded in the interior of the lid (except for sizes "A" and "B"). Designed for #6 self-tapping screws

Galvanized steel inner panels are available (refer to table below).

Wall-mounting holes are located outside of the gasket channel

Same wall mounting holes can be used to install an accessory foot kit, **1554FT**

Internal mounting posts can be used to mount accessory inner panels, PC boards, or DIN rails (inner panel shown)



Accessories

- 1554, 1555 Series Inner Panels
- Pole Mount Kit
- Breather Kit
- Liquid-Tight, Strain Relief Cordgrips
- Replacement Gaskets
- Pressure Compensation Plug
- Small Rainproof Ventilator
- Hole Plugs

Part Numbers

ABS		Polycarbonate (UL Listed)								
Gray Lid	Gray Lid	Qty of Lid Screws	Length	Width	Total Height	Inner Panel	Foot Kit	Replacement Gasket		
1555AGY	1555A2GY	2	52	50	40	1554APL	-	1554AGASKET		
1555BGY	1555B2GY	4	65	65	41	1554BPL	1554FT	1554BGASKET		
1555EGY	1555E2GY	4	90	90	61	1554EPL	1554FT	1554EGASKET		
1555EEGY	1555EE2GY	4	90	90	91	1554EPL	1554FT	1554EGASKET		
1555LGY	1555L2GY	4	105	105	60	1554LPL	1554FT	1554LGASKET		
1555LAGY	1555LA2GY	4	105	105	90	1554LPL	1554FT	1554LGASKET		
1555CGY	1555C2GY	4	120	65	41	1554CPL	1554FT	1554CGASKET		

ABS	Polycarbonate (UL Listed)								Replacement Gasket
	Gray Lid	Gray Lid	Qty of Lid Screws	Length	Width	Total Height	Inner Panel	Foot Kit	
1555DGY	1555D2GY		4	120	65	61	1554CPL	1554FT	1554CGASKET
1555FLGY	1555FL2GY		4	120	90	45	1554FPL	1554FT	1554FGASKET
1555FGY	1555F2GY		4	120	90	61	1554FPL	1554FT	1554FGASKET
1555GGY	1555G2GY		4	120	90	81	1554FPL	1554FT	1554FGASKET
1555NLGY	1555NL2GY		4	120	120	45	1554NPL	1554FT	1554NGASKET
1555NGY	1555N2GY		4	120	120	61	1554NPL	1554FT	1554NGASKET
1555PGY	1555P2GY		4	120	120	80	1554NPL	1554FT	1554NGASKET
1555QGY	1555Q2GY		4	140	140	60	1554QPL	1554FT	1554QGASKET
1555QAGY	1555QA2GY		4	140	140	90	1554QPL	1554FT	1554QGASKET
1555JLGY	1555JL2GY		4	160	90	46	1554JPL	1554FT	1554JGASKET
1555JGY	1555J2GY		4	160	90	61	1554JPL	1554FT	1554JGASKET
1555KGY	1555K2GY		4	160	90	91	1554JPL	1554FT	1554JGASKET
1555RLGY	1555RL2GY		4	160	160	45	1554RPL	1554FT	1554RGASKET
1555RGY	1555R2GY		4	160	160	61	1554RPL	1554FT	1554RGASKET
1555SGY	1555S2GY		4	160	160	91	1554RPL	1554FT	1554RGASKET
1555HLGY	1555HL2GY		4	180	120	46	1554HPL	1554FT	1554HGASKET
1555HGY	1555H2GY		4	180	120	61	1554HPL	1554FT	1554HGASKET
1555TGY	1555T2GY		4	180	120	91	1554HPL	1554FT	1554HGASKET
1555WGY	1555W2GY		4	180	180	60	1554WPL	1554FT	1554WGASKET
1555WAGY	1555WA2GY		4	180	180	90	1554WPL	1554FT	1554WGASKET
1555ULGY	1555UL2GY		4	200	120	45	1554UPL	1554FT	1554UGASKET
1555UAGY	1555UA2GY		4	200	120	60	1554UPL	1554FT	1554UGASKET
1555UGY	1555U2GY		4	200	120	91	1554UPL	1554FT	1554UGASKET
1555VGY	1555V2GY		4	240	160	91	1554VPL	1554FT	1554VGASKET
1555VALGY	1555VAL2GY		6	240	160	60	1554VAPL	1554FT	1554VAGASKET
1555VAGY	1555VA2GY		6	240	160	90	1554VAPL	1554FT	1554VAGASKET
1555VBGY	1555VB2GY		6	240	160	120	1554VAPL	1554FT	1554VAGASKET
1555XGY	1555X2GY		6	300	200	90	1554XPL	1554FT-XY	1554XGASKET
1555XAGY	1555XA2GY		6	300	200	120	1554XPL	1554FT-XY	1554XGASKET
1555YGY	1555Y2GY		6	300	240	95	1554YPL	1554FT-XY	1554YGASKET
1555YAGY	1555YA2GY		6	300	240	120	1554YPL	1554FT-XY	1554YGASKET

Clear Lids Only (Not Styled)

Compatible Clear				
Part Number	Lid	Lid Length	Lid Width	Lid Height
1554A, 1555A	1554ACL	52	50	15
1554B, 1555B	1554BCL	65	65	15
1554C, 1555C	1554CCL	120	65	15
1554E, 1555E	1554ECL	90	90	15
1554EE, 1555EE	1554ECL	90	90	15
1554F, 1555F	1554FCL	120	90	15
1554FL, 1555FL	1554FCL	120	90	15
1554G, 1555G	1554FCL	120	90	15
1554H, 1555H	1554HCL	180	120	15
1554HL, 1555HL	1554HCL	180	120	15
1554T, 1555T	1554HCL	180	120	15
1554J, 1555J	1554JCL	160	90	15
1554JL, 1555JL	1554JCL	160	90	15
1554K, 1555K	1554JCL	160	90	15
1554L, 1555L	1554LCL	105	105	15
1554LA, 1555LA	1554LCL	105	105	15
1554N, 1555N	1554NCL	120	120	15
1554NL, 1555NL	1554NCL	120	120	15
1554P, 1555P	1554NCL	120	120	15
1554Q, 1555Q	1554QCL	140	140	15
1554QA, 1555QA	1554QCL	140	140	15
1554R, 1555R	1554RCL	160	160	15
1554RL, 1555RL	1554RCL	160	160	15
1554S, 1555S	1554RCL	160	160	15
1554U, 1555U	1554UCL	200	120	15
1554UL, 1555UL	1554UCL	200	120	15
1554UA, 1555UA	1554UCL	200	120	15
1554V, 1555V	1554VCL	240	160	20
1554VA, 1555VA	1554VACL	240	160	20

Part Number	Compatible Clear Lid	Lid Length	Lid Width	Lid Height
1554VAL, 1555VAL	1554VACL	240	160	20
1554VB, 1555VB	1554VACL	240	160	20
1554W, 1555W	1554WCL	180	180	15
1554WA, 1555WA	1554WCL	180	180	15
1554X, 1555X	1554XCL	299	220	20
1554XA, 1555XA	1554XACL	299	220	50
1554Y, 1555Y	1554YCL	299	240	25
1554YA, 1555YA	1554YACL	299	240	50

Tags: polycarbonate, UV, outdoor, watertight, IP68, NEMA, NEMA box, heavy duty, PCB, inner panel, IP66, impact resistant, IP rated

Data subject to change without notice.