Type 4X, 6P Polycarbonate & General Purpose ABS Enclosures *1554 Series*

Screw Cover, Watertight, Flat Lid, UL Listed Options

Key Features:

- Ideally suited for mounting printed circuit boards or DIN rail mounted components.
- 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. Gasket supplied loose inside the enclosure (not pre-installed).
- Lid is secured with included M4 stainless steel machine screws which are threaded into corrosion resistant bushings for repetitive assembly and disassembly. All hardware is designed to avoid corrosion caused by harsh environments over time.
- Lid screws are self-captivating. 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 (#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 1.5mm thick PC 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. Solid 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 and 13 ratings.
  - Exception: 1554V2GY, 1554V2GYCL, and 1554V2GYSL are 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.

NEW SIZES









Panel Sold Separately

cULus

Hardware Included

MANUFACTURED IN NORTH AMERICA

RoHS

Photo Features:

Polycarbonate versions available with gray, clear, or smoked lid. ABS version available only in gray.



Gray



Clear



Smoked

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
- Breather Kit
- Pressure Compensation Plug
- Hole Plugs
- Pole Mount Kit
- Liquid-Tight Cordgrips (Nylon)
- Replacement Gaskets
- Small Rainproof Ventilator
- Hole Plugs
- Hole Plugs
- Liquid-Tight Cordgrips (Nickel Plated Brass)

Enclosure Part Numbers

ABS Gray Lid	Polycarb Gray Lid	Polycarb Clear Lid	Polycarb Smoked Lid	Qty Lid Screws	Length	Width	Total Height	Inner Panel	Foot Kit	Replacement Gasket	Replacement Screws (50-pk)
1554AGY	1554A2GY	1554A2GYCL	1554A2GYSL	2	52	50	40	1554APL	-	1554AGASKET	SC576-50
1554BGY	1554B2GY	1554B2GYCL	1554B2GYSL	4	65	65	41	1554BPL	1554FT	1554BGASKET	SC576-50
1554EGY	1554E2GY	1554E2GYCL	1554E2GYSL	4	90	90	61	1554EPL	1554FT	1554EGASKET	SC576-50

ABS Gray Lid	Polycarb Gray Lid	Polycarb Clear Lid	Polycarb Smoked Lid	Qty Lid Screws	Length	Width	Total Height	Inner Panel	Foot Kit	Replacement Gasket	Replacement Screws (50-pk)
1554EEGY	1554EE2GY	1554EE2GYCL	1554EE2GYSL	4	90	90	91	1554EPL	1554FT	1554EGASKET	SC576-50
1554LGY	1554L2GY	1554L2GYCL	1554L2GYSL	4	105	105	60	1554LPL	1554FT	1554LGASKET	SC576-50
1554LAGY	1554LA2GY	1554LA2GYCL	1554LA2GYSL	4	105	105	90	1554LPL	1554FT	1554LGASKET	SC576-50
1554CGY	1554C2GY	1554C2GYCL	1554C2GYSL	4	120	65	41	1554CPL	1554FT	1554CGASKET	SC576-50
1554DGY	1554D2GY	1554D2GYCL	1554D2GYSL	4	120	65	61	1554CPL	1554FT	1554CGASKET	SC576-50
1554FLGY	1554FL2GY	1554FL2GYCL	1554FL2GYSL	4	120	90	45	1554FPL	1554FT	1554FGASKET	SC576-50
1554FGY	1554F2GY	1554F2GYCL	1554F2GYSL	4	120	90	61	1554FPL	1554FT	1554FGASKET	SC576-50
1554GGY	1554G2GY	1554G2GYCL	1554G2GYSL	4	120	90	81	1554FPL	1554FT	1554FGASKET	SC576-50
1554NLGY	1554NL2GY	1554NL2GYCL	1554NL2GYSL	4	120	120	45	1554NPL	1554FT	1554NGASKET	SC576-50
1554NGY	1554N2GY	1554N2GYCL	1554N2GYSL	4	120	120	61	1554NPL	1554FT	1554NGASKET	SC576-50
1554PGY	1554P2GY	1554P2GYCL	1554P2GYSL	4	120	120	80	1554NPL	1554FT	1554NGASKET	SC576-50
1554QGY	1554Q2GY	1554Q2GYCL	1554Q2GYSL	4	140	140	60	1554QPL	1554FT	1554QGASKET	SC576-50
1554QAGY	1554QA2GY	1554QA2GYCL	1554QA2GYSL	4	140	140	90	1554QPL	1554FT	1554QGASKET	SC576-50
1554JLGY	1554JL2GY	1554JL2GYCL	1554JL2GYSL	4	160	90	46	1554JPL	1554FT	1554JGASKET	SC576-50
1554JGY	1554J2GY	1554J2GYCL	1554J2GYSL	4	160	90	61	1554JPL	1554FT	1554JGASKET	SC576-50
1554KGY	1554K2GY	1554K2GYCL	1554K2GYSL	4	160	90	91	1554JPL	1554FT	1554JGASKET	SC576-50
1554RLGY	1554RL2GY	1554RL2GYCL	1554RL2GYSL	4	160	160	45	1554RPL	1554FT	1554RGASKET	SC576-50
1554RGY	1554R2GY	1554R2GYCL	1554R2GYSL	4	160	160	61	1554RPL	1554FT	1554RGASKET	SC576-50
1554SGY	1554S2GY	1554S2GYCL	1554S2GYSL	4	160	160	91	1554RPL	1554FT	1554RGASKET	SC576-50
1554HLGY	1554HL2GY	1554HL2GYCL	1554HL2GYSL	4	180	120	46	1554HPL	1554FT	1554HGASKET	SC576-50
1554HGY	1554H2GY	1554H2GYCL	1554H2GYSL	4	180	120	61	1554HPL	1554FT	1554HGASKET	SC576-50
1554TGY	1554T2GY	1554T2GYCL	1554T2GYSL	4	180	120	91	1554HPL	1554FT	1554HGASKET	SC576-50
1554WGY	1554W2GY	1554W2GYCL	1554W2GYSL	4	180	180	60	1554WPL	1554FT	1554WGASKET	SC576-50
1554WAGY	1554WA2GY	1554WA2GYCL	1554WA2GYSL	4	180	180	90	1554WPL	1554FT	1554WGASKET	SC576-50
1554ULGY	1554UL2GY	1554UL2GYCL	1554UL2GYSL	4	200	120	45	1554UPL	1554FT	1554UGASKET	SC576-50
1554UAGY	1554UA2GY	1554UA2GYCL	1554UA2GYSL	4	200	120	60	1554UPL	1554FT	1554UGASKET	SC576-50
1554UGY	1554U2GY	1554U2GYCL	1554U2GYSL	4	200	120	91	1554UPL	1554FT	1554UGASKET	SC576-50
1554VGY	1554V2GY	1554V2GYCL	1554V2GYSL	4	240	160	91	1554VPL	1554FT	1554VGASKET	SC583-50
1554VALGY	1554VAL2GY	1554VAL2GYCL	1554VAL2GYSL	6	240	160	60	1554VAPL	1554FT	1554VAGASKET	SC583-50
1554VAGY	1554VA2GY	1554VA2GYCL	1554VA2GYSL	6	240	160	90	1554VAPL	1554FT	1554VAGASKET	SC583-50
1554VBGY	1554VB2GY	1554VB2GYCL	1554VB2GYSL	6	240	160	120	1554VAPL	1554FT	1554VAGASKET	SC583-50
1554XGY	1554X2GY	1554X2GYCL	1554X2GYSL	6	300	200	90	1554XPL	1554FT-XY	1554XGASKET	SC583-50
1554XAGY	1554XA2GY	1554XA2GYCL	1554XA2GYSL	6	300	200	120	1554XPL	1554FT-XY	1554XGASKET	SC583-50
1554YGY	1554Y2GY	1554Y2GYCL	1554Y2GYSL	6	300	240	95	1554YPL	1554FT-XY	1554YGASKET	SC583-50
1554YAGY	1554YA2GY	1554YA2GYCL	1554YA2GYSL	6	300	240	120	1554YPL	1554FT-XY	1554YGASKET	SC583-50

Clear Lids Only

Part Number	Compatible Clear 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
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**, **PCB**, **heavy duty**, **clear lid**, **clear cover**, **inner panel**, **impact resistant**

Data subject to change without notice.

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