Type 4X, 6P Enclosures *1555F Series*

Watertight, Flanged Lid, UL Listed Options

NEW SIZES









Panel Sold Separately

Features:

- Designed for harsh industrial environments or outdoor applications (security, outdoor wireless, controls, and more).
- Ideally suited for mounting printed circuit boards, panels or DIN rail mounted components.
- Designed for wall mounting. Interior is secure as lid screws are behind the lid.
- Satin texture RAL7035 grey finish with smooth recessed surface on lid for a membrane keypad or label.
- Standoffs molded in the interior of the lid and enclosure are designed for #4 x 1/4" self-tapping screws (our part number **1555TS100**).
- Gasketed lid with two-piece tongue and groove construction provides protection against access of oil, dust, and water.
- 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 bushings for repetitive assembly and disassembly.
    - Order part number **SC576-50** for replacement M4 x 20mm lid assembly screws.
- Internal features are maximized for mounting options and vary with size:
    - Internal DIN rail mounting tabs molded into lid (except 1555CF22 & 1555CF42 sizes).
    - Standoffs for PC board or inner panel.
- **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 and 13 ratings.
    - Exception: 1554VGY, 1554V2GY, 1554V2GYCL, and 1554V2GYSL are Type 4, 4X only.
- Polycarbonate versions carry an impact rating of IK08 per IEC 62262:2021.

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- 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:



Cover features a smooth recessed area perfect for membrane keypads or labels. Base features robust mounting flanges capable of withstanding abuse.



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



Internal features include mounting bosses for PC boards or inner panels. DIN rail mounting locations on all but size "C" models. Silicone gasket with tongue and grooves construction provides a water-tight seal.

Accessories

- Breather Kit
- Small Rainproof Ventilator
- Pole Mount Kit
- Pressure Compensation Plug
- Liquid-Tight, Strain Relief Cordgrips

Part Numbers

ABS	Polycarb (UL Listed)	Dimensions (Not Including Flanges)				
Part Number	Part Number	Length	Width	Height	Inner Panel	Replacement Gasket (Pair)
1555AF22GY	1555A2F22GY	52	50	40	1555AFPL	1554AGASKET
1555BF22GY	1555B2F22GY	65	65	43	1555BFPL	1554BGASKET
1555EF17GY	1555E2F17GY	90	90	38	1555EFPL	1554EGASKET
1555EF42GY	1555E2F42GY	90	90	63	1555EFPL	1554EGASKET
1555LF17GY	1555L2F17GY	106	105	37	1554LPL	1554LGASKET
1555LF42GY	1555L2F42GY	106	105	62	1554LPL	1554LGASKET
1555CF22GY	1555C2F22GY	120	65	43	1555CFPL	1554CGASKET
1555CF42GY	1555C2F42GY	120	65	63	1555CFPL	1554CGASKET
1555FF17GY	1555F2F17GY	120	90	38	1555FFPL	1554FGASKET
1555FF42GY	1555F2F42GY	120	90	63	1555FFPL	1554FGASKET
1555NF17GY	1555N2F17GY	120	115	38	1555NFPL	1554NGASKET
1555NF42GY	1555N2F42GY	120	120	63	1555NFPL	1554NGASKET
1555QF17GY	1555Q2F17GY	141	140	37	1554QPL	1554QGASKET
1555QF42GY	1555Q2F42GY	141	140	62	1554QPL	1554QGASKET
1555JF17GY	1555J2F17GY	160	90	38	1555JFPL	1554JGASKET
1555JF42GY	1555J2F42GY	160	90	62	1555JFPL	1554JGASKET
1555RF17GY	1555R2F17GY	160	160	38	1555RFPL	1554RGASKET
1555RF42GY	1555R2F42GY	160	160	63	1555RFPL	1554RGASKET
1555HF17GY	1555H2F17GY	180	120	38	1555HFPL	1554HGASKET
1555HF42GY	1555H2F42GY	180	120	62	1555HFPL	1554HGASKET
1555WF17GY	1555W2F17GY	181	180	40	1554WPL	1554WGASKET
1555WF42GY	1555W2F42GY	181	180	65	1554WPL	1554WGASKET
1555UF17GY	1555U2F17GY	200	120	40	1555UFPL	1554UGASKET
1555UF42GY	1555U2F42GY	200	120	65	1555UFPL	1554UGASKET
1555VAF17GY	1555VA2F17GY	240	161	37	1554VAPL	1554VAGASKET
1555VAF42GY	1555VA2F42GY	240	161	62	1554VAPL	1554VAGASKET

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Tags: **polycarbonate**, **UV**, **outdoor**, **watertight**, **IP68**, **NEMA**, **PCB**, **flanged**, **wallmount**, **inner panel**, **IP66**

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