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Watertight Diecast Aluminum Enclosures w/ Flanges 1550ZF Series

IP68 Tested, cUL & UL Listed, Thick Wall

NEW



Key Features:

- Thick-wall diecast aluminum watertight electronic instrument enclosure.
- Rugged diecast aluminum alloy is tough yet easy to machine.
- Two piece tongue and groove construction for protection against access of dust and water.
- Strong spot-welded bottom flange allows for easy mounting.
- Unpainted version is vibra finished for a smooth surface with no sharp edges.
- Textured black version is coated with tough polyester powder for a lasting finish, even after machining. Finish is applied outside and inside the enclosure.
- Lid is secured with either two, four, or six stainless steel Philips head machine screws, depending on enclosure size.
- Lid screws are outside the gasket protection area to eliminate the need for o-rings.
- Lid screws are self-captivating on six sizes: **1550Z107F**, **1550Z108F**, **1550Z116F**, **1550Z117F**, **1550Z137F**, and **1550Z139F**. Lid holes are slightly undersized and threaded with the first installation.
- Gasket is pre-formed, one-piece silicone rubber and installs easily into lid groove.
- Gasket has a temperature rating of -40°C to +150°C (-40°F to 302°F).
- No internal ribs for easy installation of connectors without interference or additional milling.

Ratings:

- cUL and UL listed under file #E71073.
- Independently tested to meet IP66, IP67, and IP68 as well as NEMA Type 4, 4X, 12 and 13 ratings.
 - Customers should conduct their own testing to determine suitability for any specific application.
- All sizes except **1550Z101F** carry an impact rating of IK08 per IEC62262.

Photo Features:



Unfinished versions are vibra-finished for a smooth outer surface.



Black versions are finished with a tough, textured black powder coat.



Powder coated versions are finished inside and out, with cleared areas around the internal grounding points.

Accessories

- Breather Kit
- Small Rainproof Ventilator
- Pressure Compensation Plug
- Liquid-Tight Cordgrips (Nylon)

Enclosures

Part Number	Color	Length	Width	Total Depth	Lid Height	Replacement Lid Screw Pack	Compatible Ground Screw Pack	Replacement Gaskets (Pair)
1550Z101F	Unpainted	50	45	30	6	SC1550Z103-50	SCG060-50	1550Z101GASKET
1550Z101FBK	Black	50	45	30	6	SC1550Z103-50	SCG060-50	1550Z101GASKET
1550Z104F	Unpainted	64	58	35	5	SC1550Z103-50	SCG060-50	1550Z104GASKET
1550Z104FBK	Black	64	58	35	5	SC1550Z103-50	SCG060-50	1550Z104GASKET
1550Z102F	Unpainted	90	36	30	5	SC1550Z102-50	SCG060-50	1550Z102GASKET
1550Z102FBK	Black	90	36	30	5	SC1550Z102-50	SCG060-50	1550Z102GASKET
1550Z103F	Unpainted	98	64	34	9	SC1550Z103-50	SCG060-50	1550Z103GASKET
1550Z103FBK	Black	98	64	34	9	SC1550Z103-50	SCG060-50	1550Z103GASKET
1550Z106F	Unpainted	115	65	30	5	SC1550Z103-50	SCG060-50	1550Z106GASKET
1550Z106FBK	Black	115	65	30	5	SC1550Z103-50	SCG060-50	1550Z106GASKET
1550Z111F	Unpainted	115	65	55	5	SC1550Z103-50	SCG060-50	1550Z106GASKET
1550Z111FBK	Black	115	65	55	5	SC1550Z103-50	SCG060-50	1550Z106GASKET
1550Z113F	Unpainted	115	90	55	5	SC1550Z103-50	SCG060-50	1550Z113GASKET
1550Z113FBK	Black	115	90	55	5	SC1550Z103-50	SCG060-50	1550Z113GASKET
1550Z137F	Unpainted	121	121	102	21	SC1550Z116-30	SCG060-50	1550Z137GASKET
1550Z137FBK	Black	121	121	102	21	SC1550Z116-30	SCG060-50	1550Z137GASKET
1550Z107F	Unpainted	125	80	41	16	SC1550Z107-50	SCGM4-50	1550Z107GASKET
1550Z107FBK	Black	125	80	41	16	SC1550Z107-50	SCGM4-50	1550Z107GASKET
1550Z108F	Unpainted	125	80	59	16	SC1550Z107-50	SCGM4-50	1550Z107GASKET
1550Z108FBK	Black	125	80	59	16	SC1550Z107-50	SCGM4-50	1550Z107GASKET
1550Z115F	Unpainted	148	108	75	10	SC1550Z103-50	SCG060-50	1550Z115GASKET
1550Z115FBK	Black	148	108	75	10	SC1550Z103-50	SCG060-50	1550Z115GASKET
1550Z109F	Unpainted	150	64	36	10	SC1550Z103-50	SCG060-50	1550Z109GASKET
1550Z109FBK	Black	150	64	36	10	SC1550Z103-50	SCG060-50	1550Z109GASKET
1550Z139F	Unpainted	159	159	102	21	SC1550Z116-30	SCG060-50	1550Z139GASKET
1550Z139FBK	Black	159	159	102	21	SC1550Z116-30	SCG060-50	1550Z139GASKET
1550Z116F	Unpainted	160	100	60	20	SC1550Z116-30	SCGM4-50	1550Z116GASKET
1550Z116FBK	Black	160	100	60	20	SC1550Z116-30	SCGM4-50	1550Z116GASKET
1550Z117F	Unpainted	160	100	81	20	SC1550Z116-30	SCGM4-50	1550Z116GASKET
1550Z117FBK	Black	160	100	81	20	SC1550Z116-30	SCGM4-50	1550Z116GASKET
1550Z120F	Unpainted	171	121	55	10	SC1550Z103-50	SCG060-50	1550Z120GASKET
1550Z120FBK	Black	171	121	55	10	SC1550Z103-50	SCG060-50	1550Z120GASKET
1550Z124F	Unpainted	223	147	55	5	SC1550Z103-50	SCG060-50	1550Z124GASKET
1550Z124FBK	Black	223	147	55	5	SC1550Z103-50	SCG060-50	1550Z124GASKET
1550Z220F	Unpainted	223	147	83	33	SC1550Z220-30	SCG060-50	1550Z124GASKET
1550Z220FBK	Black	223	147	83	33	SC1550Z220-30	SCG060-50	1550Z124GASKET

Tags: thick wall, diecast, outdoor, continuous gasket, nema, screw down cover, welded, watertight, flanged, mounting flanges, mountable, mounting bracket, box *Data subject to change without notice*

Mouser Electronics

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