



Roxtec GH BG™ FL100 transit

Transit with wide flange and earthing terminal, for bolting onto uneven structures.

The Roxtec GH BG™ FL100 is a cable and pipe seal for bonding and grounding applications. The rectangular steel frame with the wide flange ensures a tight seal when bolted onto concrete or brick walls/floors. The seal allows for high cable and pipe packing density. The transit can be used with a GE extension frame in galvanized steel to cover the depth of a thick wall. Roxtec EC (electrical continuity) test sticks are available to help indicate the electrical performance of the transit installation.

- Easy to maintain and inspect
- Provides built-in spare capacity

Product characteristics



Fire rated



IP/UL NEMA



Electrical safety



Gas-tight

Structure of installation



Concrete



Brick

Mounting type



Bolting

Ratings & certificates

Fire

- E/EI rating according to EN 13501
- F/T rating according to UL 1479

Tightness

- Gas: 0.1 bar (catastrophic)
- IP 66/67 according to IEC 60529, IP 68

Supports

- Bonding and grounding

Frame dimensions

mm/kg

The frame variants below are a limited selection. For the full range of frames and configurations, please visit [roxtec.com](https://www.roxtec.com).

Product	Frame openings	Packing space	External dimensions WxHxD	Aperture dimensions w x h	Weight	Art. no
GH BG 2x1 FL100 GALV KIT	1	120 x 60	332.5 x 313 x 93.6	148(+5/-5) x 128(+5/-5)	5.9	236180
GH BG 2x1 FL100 AISI316 KIT	1	120 x 60	332.5 x 313 x 93.6	148(+5/-5) x 128(+5/-5)	6.1	236186
GH BG 4x4 FL100 GALV KIT	4	120 x 120	724 x 371.5 x 93.6	539(+5/-5) x 187(+5/-5)	15.2	236195
GH BG 4x4 FL100 AISI316 KIT	4	120 x 120	724 x 371.5 x 93.6	539(+5/-5) x 187(+5/-5)	15.6	236201
GH BG 4x5 FL100 GALV KIT	5	120 x 120	854.5 x 371.5 x 93.6	670(+5/-5) x 187(+5/-5)	17.9	236196
GH BG 4x5 FL100 AISI316 KIT	5	120 x 120	854.5 x 371.5 x 93.6	670(+5/-5) x 187(+5/-5)	18.4	236202
GH BG 4x6 FL100 GALV KIT	6	120 x 120	985 x 371.5 x 93.6	800(+5/-5) x 187(+5/-5)	20.7	236197
GH BG 4x6 FL100 AISI316 KIT	6	120 x 120	985 x 371.5 x 93.6	800(+5/-5) x 187(+5/-5)	21.2	236203
GH BG 6x1 FL100 GALV KIT	1	120 x 180	332.5 x 430 x 93.6	148(+5/-5) x 245(+5/-5)	7.8	236204
GH BG 6x1 FL100 AISI316 KIT	1	120 x 180	332.5 x 430 x 93.6	148(+5/-5) x 245(+5/-5)	7.5	236210
GH BG 6x2 FL100 GALV KIT	2	120 x 180	463 x 430 x 93.6	278(+5/-5) x 245(+5/-5)	11.8	236205
GH BG 6x2 FL100 AISI316 KIT	2	120 x 180	463 x 430 x 93.6	278(+5/-5) x 245(+5/-5)	10.9	236211
GH BG 6x3 FL100 GALV KIT	3	120 x 180	593.5 x 430 x 93.6	409(+5/-5) x 245(+5/-5)	14.8	236206
GH BG 6x3 FL100 AISI316 KIT	3	120 x 180	593.5 x 430 x 93.6	409(+5/-5) x 245(+5/-5)	14.36	236212
GH BG 6x4 FL100 GALV KIT	4	120 x 180	724 x 430 x 93.6	539(+5/-5) x 245(+5/-5)	17.7	236207
GH BG 6x4 FL100 AISI316 KIT	4	120 x 180	724 x 430 x 93.6	539(+5/-5) x 245(+5/-5)	17	236213
GH BG 6x5 FL100 GALV KIT	5	120 x 180	854.5 x 430 x 93.6	670(+5/-5) x 245(+5/-5)	21.34	236208
GH BG 6x5 FL100 AISI316 KIT	5	120 x 180	854.5 x 430 x 93.6	670(+5/-5) x 245(+5/-5)	20.5	236214
GH BG 6x6 FL100 GALV KIT	6	120 x 180	985 x 430 x 93.6	800(+5/-5) x 245(+5/-5)	23.1	236209
GH BG 6x6 FL100 AISI316 KIT	6	120 x 180	985 x 430 x 93.6	800(+5/-5) x 245(+5/-5)	23.6	236215
GH BG 8x1 FL100 GALV KIT	1	120 x 240	332.5 x 490 x 93.6	148(+5/-5) x 305(+5/-5)	8.7	236216



Product	Frame openings	Packing space	External dimensions WxHxD	Aperture dimensions w x h	Weight	Art. no
GH BG 8x1 FL100 AISI316 KIT	1	120 x 240	332.5 x 490 x 93.6	148(+5/-5) x 305(+5/-5)	8.78	236222
GH BG 2x2 FL100 GALV KIT	2	120 x 60	463 x 313 x 93.6	278(+5/-5) x 128(+5/-5)	8.5	236181
GH BG 2x2 FL100 AISI316 KIT	2	120 x 60	463 x 313 x 93.6	278(+5/-5) x 128(+5/-5)	8.7	236187
GH BG 8x2 FL100 GALV KIT	2	120 x 240	463 x 490 x 93.6	278(+5/-5) x 305(+5/-5)	12	236217
GH BG 8x2 FL100 AISI316 KIT	2	120 x 240	463 x 490 x 93.6	278(+5/-5) x 305(+5/-5)	12	236223
GH BG 8x3 FL100 GALV KIT	3	120 x 240	593.5 x 490 x 93.6	409(+5/-5) x 305(+5/-5)	15.4	236218
GH BG 8x3 FL100 AISI316 KIT	3	120 x 240	593.5 x 490 x 93.6	409(+5/-5) x 305(+5/-5)	15.6	236224
GH BG 8x4 FL100 GALV KIT	4	120 x 240	724 x 490 x 93.6	539(+5/-5) x 305(+5/-5)	18.6	236219
GH BG 8x4 FL100 AISI316 KIT	4	120 x 240	724 x 490 x 93.6	539(+5/-5) x 305(+5/-5)	19.1	236225
GH BG 8x5 FL100 GALV KIT	5	120 x 240	854.5 x 490 x 93.6	670(+5/-5) x 305(+5/-5)	22	236220
GH BG 8x5 FL100 AISI316 KIT	5	120 x 240	854.5 x 490 x 93.6	670(+5/-5) x 305(+5/-5)	22.5	236226
GH BG 8x6 FL100 GALV KIT	6	120 x 240	985 x 490 x 93.6	800(+5/-5) x 305(+5/-5)	25.4	236221
GH BG 8x6 FL100 AISI316 KIT	6	120 x 240	985 x 490 x 93.6	800(+5/-5) x 305(+5/-5)	26	236227
GH BG 2+2x1 FL100 GALV KIT	2	120 x 60	332.5 x 424 x 93.6	148(+5/-5) x 241(+5/-5)	8.3	236228
GH BG 2+2x1 FL100 AISI316 KIT	2	120 x 60	332.5 x 424 x 93.6	148(+5/-5) x 241(+5/-5)	8.5	236234
GH BG 2+2x2 FL100 GALV KIT	4	120 x 60	463 x 426 x 93.6	278(+5/-5) x 241(+5/-5)	12.1	236229
GH BG 2+2x2 FL100 AISI316 KIT	4	120 x 60	463 x 426 x 93.6	278(+5/-5) x 241(+5/-5)	12.4	236235
GH BG 2+2x3 FL100 GALV KIT	6	120 x 60	593.5 x 426 x 93.6	409(+5/-5) x 241(+5/-5)	15.8	236230
GH BG 2+2x3 FL100 AISI316 KIT	6	120 x 60	593.5 x 426 x 93.6	409(+5/-5) x 241(+5/-5)	16.2	236236
GH BG 2+2x4 FL100 GALV KIT	8	120 x 60	724 x 426 x 93.6	539(+5/-5) x 241(+5/-5)	19.5	236231
GH BG 2+2x4 FL100 AISI316 KIT	8	120 x 60	724 x 426 x 93.6	539(+5/-5) x 241(+5/-5)	20	236237
GH BG 2+2x5 FL100 GALV KIT	10	120 x 60	854.5 x 426 x 93.6	670(+5/-5) x 241(+5/-5)	23.2	236232
GH BG 2+2x5 FL100 AISI316 KIT	10	120 x 60	854.5 x 426 x 93.6	670(+5/-5) x 241(+5/-5)	23.8	236238
GH BG 2x3 FL100 GALV KIT	3	120 x 60	593.5 x 313 x 93.6	409(+5/-5) x 128(+5/-5)	11	236182
GH BG 2x3 FL100 AISI316 KIT	3	120 x 60	593.5 x 313 x 93.6	409(+5/-5) x 128(+5/-5)	11.3	236188
GH BG 2+2x6 FL100 GALV KIT	12	120 x 60	985 x 426 x 93.6	800(+5/-5) x 241(+5/-5)	27	236233
GH BG 2+2x6 FL100 AISI316 KIT	12	120 x 60	985 x 426 x 93.6	800(+5/-5) x 241(+5/-5)	27.6	236239
GH BG 4+4x1 FL100 GALV KIT	2	120 x 120	332.5 x 541 x 93.6	148(+5/-5) x 358(+5/-5)	10.1	236240
GH BG 4+4x1 FL100 AISI316 KIT	2	120 x 120	332.5 x 541 x 93.6	148(+5/-5) x 358(+5/-5)	10.4	236246
GH BG 4+4x2 FL100 GALV KIT	4	120 x 120	463 x 543 x 93.6	278(+5/-5) x 358(+5/-5)	14.4	236241
GH BG 4+4x2 FL100 AISI316 KIT	4	120 x 120	463 x 543 x 93.6	278(+5/-5) x 358(+5/-5)	14.8	236247
GH BG 4+4x3 FL100 GALV KIT	6	120 x 120	593.5 x 543 x 93.6	409(+5/-5) x 358(+5/-5)	18.7	236242
GH BG 4+4x3 FL100 AISI316 KIT	6	120 x 120	593.5 x 543 x 93.6	409(+5/-5) x 358(+5/-5)	19.2	236248
GH BG 4+4x4 FL100 GALV KIT	8	120 x 120	724 x 543 x 93.6	539(+5/-5) x 358(+5/-5)	23	236243
GH BG 4+4x4 FL100 AISI316 KIT	8	120 x 120	724 x 543 x 93.6	539(+5/-5) x 358(+5/-5)	23.6	236249
GH BG 4+4x5 FL100 GALV KIT	10	120 x 120	854.5 x 543 x 93.6	670(+5/-5) x 358(+5/-5)	27.2	236244
GH BG 4+4x5 FL100 AISI316 KIT	10	120 x 120	854.5 x 543 x 93.6	670(+5/-5) x 358(+5/-5)	27.8	236250
GH BG 4+4x6 FL100 GALV KIT	12	120 x 120	985 x 543 x 93.6	800(+5/-5) x 358(+5/-5)	31.5	236245
GH BG 4+4x6 FL100 AISI316 KIT	12	120 x 120	985 x 543 x 93.6	800(+5/-5) x 358(+5/-5)	32.2	236251
GH BG 6+6x1 FL100 GALV KIT	2	120 x 180	332.5 x 658 x 93.6	148(+5/-5) x 475(+5/-5)	11.9	236252
GH BG 6+6x1 FL100 AISI316 KIT	2	120 x 180	332.5 x 658 x 93.6	148(+5/-5) x 475(+5/-5)	12.1	236258
GH BG 6+6x2 FL100 GALV KIT	4	120 x 180	463 x 660 x 93.6	278(+5/-5) x 475(+5/-5)	18	236253
GH BG 6+6x2 FL100 AISI316 KIT	4	120 x 180	463 x 660 x 93.6	278(+5/-5) x 475(+5/-5)	17.2	236259
GH BG 6+6x3 FL100 GALV KIT	6	120 x 180	593.5 x 660 x 93.6	409(+5/-5) x 475(+5/-5)	23.2	236254
GH BG 6+6x3 FL100 AISI316 KIT	6	120 x 180	593.5 x 660 x 93.6	409(+5/-5) x 475(+5/-5)	22.2	236260
GH BG 2x4 FL100 GALV KIT	4	120 x 60	724 x 313 x 93.6	539(+5/-5) x 128(+5/-5)	13.5	236183



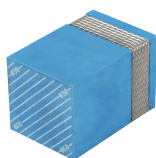
Product	Frame openings	Packing space	External dimensions WxHxD	Aperture dimensions w x h	Weight	Art. no
GH BG 2x4 FL100 AISI316 KIT	4	120 x 60	724 x 313 x 93.6	539(+5/-5) x 128(+5/-5)	13.8	236189
GH BG 6+6x4 FL100 GALV KIT	8	120 x 180	724 x 660 x 93.6	539(+5/-5) x 475(+5/-5)	18	236255
GH BG 6+6x4 FL100 AISI316 KIT	8	120 x 180	724 x 660 x 93.6	539(+5/-5) x 475(+5/-5)	29	236261
GH BG 6+6x5 FL100 GALV KIT	10	120 x 180	854.5 x 660 x 93.6	670(+5/-5) x 475(+5/-5)	31.2	236256
GH BG 6+6x5 FL100 AISI316 KIT	10	120 x 180	854.5 x 660 x 93.6	670(+5/-5) x 475(+5/-5)	32	236262
GH BG 6+6x6 FL100 GALV KIT	12	120 x 180	985 x 660 x 93.6	800(+5/-5) x 475(+5/-5)	36	236257
GH BG 6+6x6 FL100 AISI316 KIT	12	120 x 180	985 x 660 x 93.6	800(+5/-5) x 475(+5/-5)	36.9	236263
GH BG 8+8x1 FL100 GALV KIT	2	120 x 240	332.5 x 778 x 93.6	148(+5/-5) x 595(+5/-5)	13.8	236264
GH BG 8+8x1 FL100 AISI316 KIT	2	120 x 240	332.5 x 778 x 93.6	148(+5/-5) x 595(+5/-5)	14.1	236270
GH BG 8+8x2 FL100 GALV KIT	4	120 x 240	463 x 780 x 93.6	278(+5/-5) x 595(+5/-5)	19.3	236265
GH BG 8+8x2 FL100 AISI316 KIT	4	120 x 240	463 x 780 x 93.6	278(+5/-5) x 595(+5/-5)	19.8	236271
GH BG 8+8x3 FL100 GALV KIT	6	120 x 240	593.5 x 780 x 93.6	409(+5/-5) x 595(+5/-5)	24.6	236266
GH BG 8+8x3 FL100 AISI316 KIT	6	120 x 240	593.5 x 780 x 93.6	409(+5/-5) x 595(+5/-5)	25.2	236272
GH BG 8+8x4 FL100 GALV KIT	8	120 x 240	724 x 780 x 93.6	539(+5/-5) x 595(+5/-5)	30	236267
GH BG 8+8x4 FL100 AISI316 KIT	8	120 x 240	724 x 780 x 93.6	539(+5/-5) x 595(+5/-5)	30.7	236273
GH BG 8+8x5 FL100 GALV KIT	10	120 x 240	854.5 x 780 x 93.6	670(+5/-5) x 595(+5/-5)	35.4	236268
GH BG 8+8x5 FL100 AISI316 KIT	10	120 x 240	854.5 x 780 x 93.6	670(+5/-5) x 595(+5/-5)	36.2	236274
GH BG 8+8x6 FL100 GALV KIT	12	120 x 240	985 x 780 x 93.6	800(+5/-5) x 595(+5/-5)	40.7	236269
GH BG 8+8x6 FL100 AISI316 KIT	12	120 x 240	985 x 780 x 93.6	800(+5/-5) x 595(+5/-5)	41.8	236275
GH BG 2x5 FL100 GALV KIT	5	120 x 60	854.5 x 313 x 93.6	670(+5/-5) x 128(+5/-5)	15.9	236184
GH BG 2x5 FL100 AISI316 KIT	5	120 x 60	854.5 x 313 x 93.6	670(+5/-5) x 128(+5/-5)	16.3	236190
GH BG 2x6 FL100 GALV KIT	6	120 x 60	985 x 313 x 93.6	800(+5/-5) x 128(+5/-5)	18.5	236185
GH BG 2x6 FL100 AISI316 KIT	6	120 x 60	985 x 313 x 93.6	800(+5/-5) x 128(+5/-5)	18.9	236191
GH BG 4x1 FL100 GALV KIT	1	120 x 120	332.5 x 371.5 x 93.6	148(+5/-5) x 187(+5/-5)	6.9	236192
GH BG 4x1 FL100 AISI316 KIT	1	120 x 120	332.5 x 371.5 x 93.6	148(+5/-5) x 187(+5/-5)	7.1	236198
GH BG 4x2 FL100 GALV KIT	2	120 x 120	463 x 371.5 x 93.6	278(+5/-5) x 187(+5/-5)	9.6	236193
GH BG 4x2 FL100 AISI316 KIT	2	120 x 120	463 x 371.5 x 93.6	278(+5/-5) x 187(+5/-5)	9.8	236199
GH BG 4x3 FL100 GALV KIT	3	120 x 120	593.5 x 371.5 x 93.6	409(+5/-5) x 187(+5/-5)	13.3	236194
GH BG 4x3 FL100 AISI316 KIT	3	120 x 120	593.5 x 371.5 x 93.6	409(+5/-5) x 187(+5/-5)	12.7	236200

Sealing components

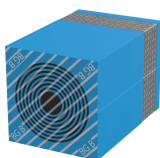
Sealing components



BG™ sealing kit



RM BG™ solid compensation module



RM BG™ module with Multidiameter™



Stayplate



Wedge & Wedge kit



GE extension frame



Holder tools

Accessories



Lubricant



ES and BG installations

For detailed information, please visit [roxtec.com](https://www.roxtec.com).



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