








# Channell GLB & BULK Product Comparison



Product	Description	Dimensions (mm)	Cover Type & Load Rating				Cover Security Options				Photo
			HDPE	Concrete Polymer	Shield	Ductile Iron	Snap In	L-BOLT	Bolt Down	Padlock	
GLB610	Channell Hand Hole, HDPE Round	Top $\varnothing$ – 158 Bottom $\varnothing$ – 216 Depth – 254	● 13.5kN 1400kg				●				
GLB912	Channell Hand Hole, HDPE Round	Top $\varnothing$ – 242 Bottom $\varnothing$ – 318 Depth – 305	● 13.5kN 1400kg					● Plastic			
GLB1419	Channell Hand Hole, HDPE Rectangle	Top - 254 W x 382 L Bottom - 254 W x 382 L Depth - 305	● 11kN 1000kg					● Plastic			
GLB1320	Channell Hand Hole, HDPE Rectangle	Top - 330 W x 508 L Bottom - 432 W x 597 L Depth - 305	● 11kN 1000kg					● Plastic			
GLB1111	Channell Hand Hole, HDPE ribbed base Square	Ext - 295 W x 295 L Int - 279 W x 279 L Depth - 406	● 13.5kN 1400kg					● Plastic			
GLB1015	Channell Hand Hole, HDPE ribbed base Rectangle	Ext - 343 W x 451 L Int - 254 W x 381 L Depth - 457	● 11kN 1000kg					● Plastic			
GLB1620	Channell Hand Hole, HDPE ribbed base Rectangle	Ext - 425 W x 514 L Int - 406 W x 508 L Depth - 457	● 11kN 1000kg					● Plastic			





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Product	Description	Dimensions (mm)	Base Load Rating	Cover Type, Weight & Load Rating				Cover Security Options			Accessories			Photo
				HDPE	Concrete Polymer	Shield	Ductile Iron	L-BOLT	Bolt Down	Padlock	Floor	Riser (mm) Steel or Comp	Extn (mm) Max 90kn load	
BULK0	Channell BULK Pit, HDPE Rectangle (1212)	Ext - 406 W x 406 L Depth – 324  Int - 305 W x 305 L Depth – 305  BW (Base weight) 10kg	267kN 27 tons			● 150kN 15 tons  Cover 1x 4kg								
BULK1	Channell BULK Pit, HDPE Rectangle (1118)	Ext - 394 W x 540 L Depth – 457  Int - 254 W x 432 L Depth – 413  BW (Base weight) 10kg	267kN 27 tons			● 150kN 15 tons  Cover 1x 5.5kg								
BULK2	Channell BULK Pit, HDPE Rectangle (1324)	Ext - 460 W x 699 L Depth – 390  Int - 324 W x 559 L Depth – 340  BW (Base weight) 11kg	267kN 27 tons			● 150kN 15 tons  Cover 1x 7kg		● Metal	● Never Seize		●			
SGLB1230	Channell SGLB Pit, HDPE Rectangle (1230)	Ext - 425 W x 845 L Int - 290 W x 750 L Depth – 610  BW (Base weight) 15kg	90kN 9 tons		● 83kN 8,300kg CW 15kg			● Metal		●	●	● Steel 50	● 255	

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				HDPE	Concrete Polymer	Shield	Ductile Iron	L-BOLT	Bolt Down	Padlock	Floor	Riser (mm) Steel or Comp	Extn (mm) Max 90kn load	
BULK3	Channell BULK Pit, HDPE Rectangle (1730)	Ext - 572 W x 845 L Int - 420 W x 750 L Depth - 610  BW (Base weight) 16kg	267kN 27 tons	● 8.9kN 907kg  Cover 1x 6kg		● 150kN 15 tons  Cover 1x 12kg	● 250kN 25 tons  Cover 1x 43kg	● Metal	● Never Seize	●	●	● Steel 50  Comp 50	● 255	
BULK4	Channell BULK Pit, HDPE Rectangle (2436)	Ext - 730 W x 1026 L Int - 578 W x 873 L Depth - 610 / 914  BW (Base weight) 22kg	267kN 27 tons	● 10kN 1000kg  Cover 1x 11kg		● 150kN 15 tons  Cover 1x 23kg	● 250kN 25 tons  Cover 2x 35kg	● Metal	● Never Seize	●	●	● Comp 50	● 255	
SGLB2448	Channell SGLB Pit, HDPE Rectangle (2448)	Ext - 730 W x 1330 L Int - 578 W x 1180 L Depth - 610 / 914  BW (Base weight) 54kg	90kN 9 tons		● 83kN 8,300kg  CW 2x60kg			● Metal		●	●	● Steel 90	● 355	
BULK2476	Channell BULK Pit, HDPE Rectangle (2476)	Ext - 756 W x 2070 L Int - 578 W x 1889 L Depth - 1060  BW (Base weight) 104kg	267kN 27 tons		● 83kN 8,300kg  Cover 3x34kg	● 250kN 25 tons  Cover 4x35kg	● Metal	● Never Seize			●			

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				HDPE	Concrete Polymer	Shield	Ductile Iron	L-BOLT	Bolt Down	Padlock	Floor	Riser (mm) Steel or Comp	Extn (mm) Max 90kn load	
BULK7	Channell BULK Pit, HDPE Rectangle (3048)	Ext - 883 W x 1330 L Int - 730 W x 1180 L Depth - 914  BW (Base weight) 59kg	267kN 27 tons	● 10kN 1000kg  Cover 2x18Kg		● 150kN 15 tons  Cover 2x23kg	● 250kN 25 tons  Cover 3x43kg		● Never Seize	●	●	● Comp 50	● 355	
BULK9	Channell BULK Pit, HDPE Rectangle (3676)	Ext - 1061 W x 2065 L Int - 913 W x 1910 L Depth - 1067 / 1215  BW (Base weight) 165kg	267kN 27 tons		● 150kN 15 tons  Cover 2x40kg			● Never Seize		●				

# Standards - Australia / New Zealand



Performance Category	Application (Installation / Location)	GVM (kg.)	Nominal Wheel Load (kg)	Design Load (kN)	Test Load (kN)	Specification	Load Category
<b>Light Duty Pedestrian Only</b>	Non-vehicular traffic limited to pedestrians and cyclists. Areas closed to other traffic.	670	335	6.7	<b>10</b>	AS/NZ 3996:2006	<b>Class A</b>
<b>Medium Duty Non-Deliberate (Incidental) Traffic</b>	Areas where vehicular traffic is limited to footways and light tractor paths or livestock.	5300	2,650	53	<b>80</b>	AS/NZ 3996:2006	<b>Class B</b>
<b>Heavy Duty Deliberate Traffic</b>	Areas open to slow moving vehicular traffic including commercial vehicles.	10,000	5,000	100	<b>150</b>	AS/NZ 3996:2006	<b>Class C</b>
	Areas open to commercial traffic. Carriageways of roads.	>14,000	7,000	140	<b>210</b>		<b>Class D</b>

- Notes:**
- 1) "Nominal Wheel Load (kg)" is based on 50% of GVM
  - 2) "Design Load" and "Test Load" values are in kilo-newtons (kN) unless noted otherwise.
  - 3) AS/NZ 3996 Test Loads are based on Design Load x Safety Factor of 1.5
  - 4) "Heavy Duty" Performance Category is subdivided into two ranges to accommodate separate vehicular traffic conditions.