



# Streetware



A total solution  
in streetware



# Humes Certified Streetware





Humes products are manufactured to meet the stringent requirement of AS/NZS 3996:2019 – Access Covers and Frames.

As well as being manufactured to this standard, we also certify the products using third party accreditation through SAI Global. With many local bodies now adopting this standard, you can count on Hume’s products to deliver outstanding performance in all your applications.

AS/NZS 3996:2019 classifies products into different areas using a load classification system.

This system is as follows:-



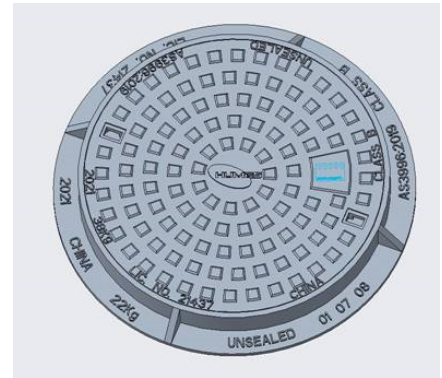
Class	Typical Use	Nominal Wheel Loading (Kg)	Ultimate Load (kN)
 <b>A</b> <ul style="list-style-type: none"> <li>• Pedestrians</li> <li>• Cyclists</li> </ul>	Areas accessible strictly by pedestrians. Not suited to vehicles. Purpose - residential backyards, walkways not accessible by vehicles	330	10
 <b>B</b> <ul style="list-style-type: none"> <li>• Passenger vehicles</li> <li>• Light vehicles</li> </ul>	Private and shared residential property. Suitable for vehicles accessing driveways and footways. Low speed only. Purpose - residential driveways. Unit sites. Parklands. Residential car parks	2670	80
 <b>C</b> <ul style="list-style-type: none"> <li>• Heavy commercial vehicles</li> <li>• Slow moving</li> </ul>	Residential roads and car parks trafficable to vehicles. Purpose - areas with slow moving traffic and minor roads.	5000	150
 <b>D</b> <ul style="list-style-type: none"> <li>• Heavy commercial vehicles</li> </ul>	Major roads including freeway and motorway shoulders. Warehouses and loading docks. Purpose - major roads	8000	240

The above information is given as a guide only. At all times, design considerations need to be assessed on individual installations.



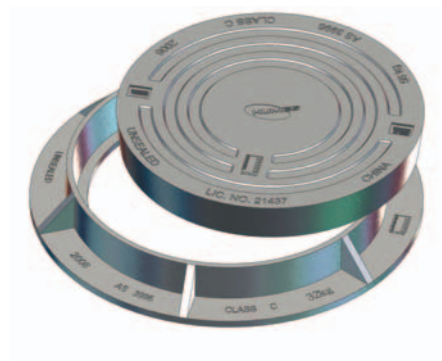
## Class B Manhole Set

Item #	80082111
Class	B
Clear Opening (mm)	502
Frame Diameter (mm)	648
Lid Diameter (mm)	536
Frame Depth (mm)	66
Lid Depth (mm)	53
Weight (Kg)	60



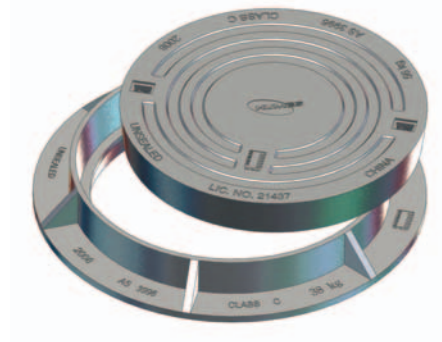
## Class C Manhole Set

Item #	80082110
Class	C
Clear Opening (mm)	482
Frame Diameter (mm)	682
Lid Diameter (mm)	534
Frame Depth (mm)	82
Lid Depth (mm)	71
Weight (Kg)	88



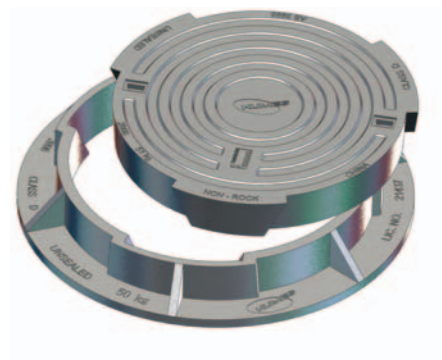
## Class C Manhole Set – Spigoted Frame

Item #	80082113
Class	C
Clear Opening (mm)	484
Frame Diameter (mm)	682
Lid Diameter (mm)	534
Frame Depth (mm)	117
Lid Depth (mm)	71
Weight (Kg)	94



## Class D Manhole Set – Non-Rock

Item #	80082128
Class	D
Clear Opening (mm)	512
Frame Diameter (mm)	688
Lid Diameter (mm)	510
Frame Depth (mm)	92
Lid Depth (mm)	76
Weight (Kg)	101



## Class D Ductile Iron Manhole Cover set

Item #	80082095
Class	D
Clear Opening (mm)	600
Frame Diameter (mm)	810
Lid Diameter (mm)	682
Frame Depth (mm)	102
Lid Depth (mm)	47
Weight (Kg)	80



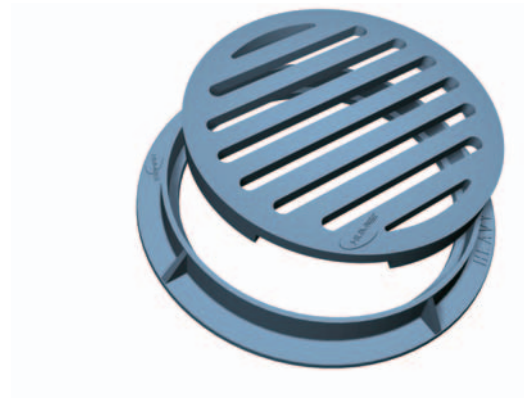
## Class D Ductile Iron Locking Manhole Set

Item #	80082098
Class	D
Clear Opening (mm)	600
Frame Diameter (mm)	810
Lid Diameter (mm)	682
Frame Depth (mm)	102
Lid Depth (mm)	47
Weight (Kg)	80



## Grate and Frame Sets

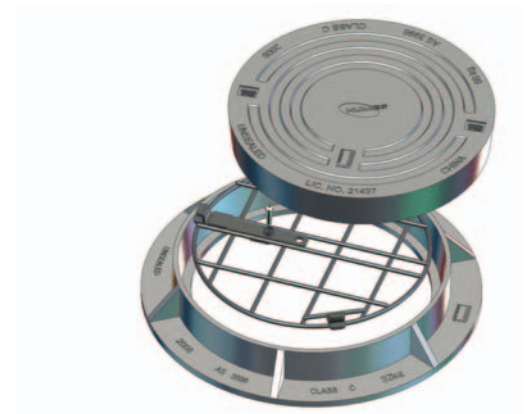
Description	Heavy Duty	Light Duty
Item #	80079928	80079916
Clear Opening (mm)	482	502
Frame Diameter (mm)	680	648
Lid Diameter (mm)	534	535
Frame Depth (mm)	82	67
Lid Depth (mm)	70	50
Weight (Kg)	78.7	50.6



## Manhole Safety Grill

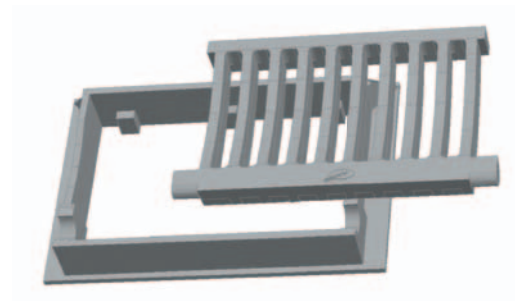
For complete manhole safety, the new Humes Safety grill prevents falls and access to manholes. Available in either galvanised or stainless steel in either a 500mm or 610mm size with a locking option. Designed to be retrofitted to most manholes, the safety grill has been independently tested to a weight loading of 500KG.

Description	Item Code
Manhole Safety Grill 500 Galvanised	48502
Manhole Safety Grill 500 316 Stainless Steel	48503
Manhole Safety Grill 610 Galvanised	48504
Manhole Safety Grill 610 316 Stainless Steel	48505



## Frame and Grate Set

Item #	80079902
Opening Nominal (mm)	675 x 450
Frame Dimensions (mm)	830 x 531
Grate Size (mm)	640 x 430
Frame Depth (mm)	120
Lid Depth (mm)	72
Weight (Kg)	129.6



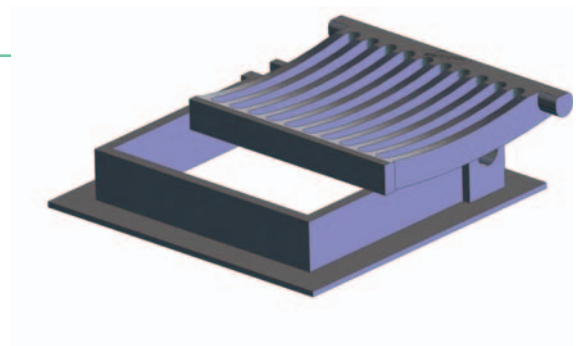
## Frame and Grate set

Item #	80079899
Opening Nominal (mm)	650 x 425
Frame Dimensions (mm)	800 x 530
Grate Size (mm)	640 x 403
Frame Depth (mm)	114
Lid Depth (mm)	86
Weight (Kg)	76.8



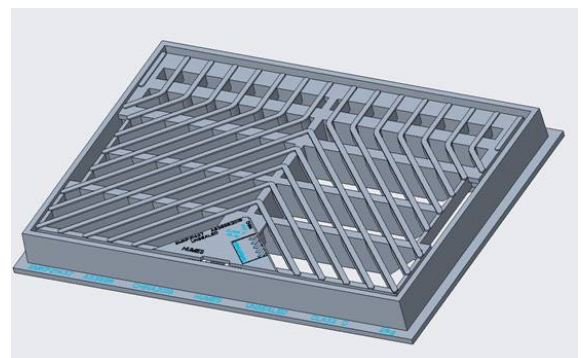
## Frame and Grate Set

Item #	80079892
Opening Nominal (mm)	450 x 450
Frame Dimensions (mm)	594 x 582
Grate Size (mm)	438 x 430
Frame Depth (mm)	102
Lid Depth (mm)	55
Weight (Kg)	69



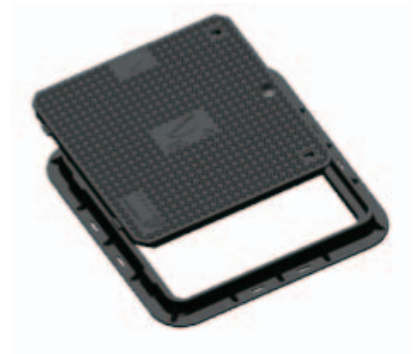
## Class D Cycle Friendly Frame and Grate

Item #	80082108
Opening Nominal (mm)	675 x 450
Frame Dimensions (mm)	738 x 532
Grate Size (mm)	668 x 450
Frame Depth (mm)	70
Lid Depth (mm)	70
Weight (Kg)	67



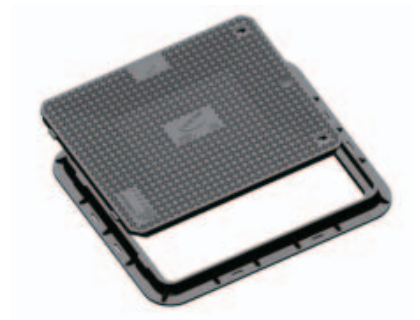
## Class B Composite Access Cover

Item #	80085112
Clear Opening (mm)	600 x 600
Frame Width (mm)	758
Cover Width (mm)	644
Frame Depth (mm)	758
Cover Depth (mm)	644
Weight (Set) (Kg)	24



## Class B Composite Access Cover

Item #	80085119
Clear Opening (mm)	600 x 750
Frame Width (mm)	908
Cover Width (mm)	794
Frame Depth (mm)	758
Cover Depth (mm)	644
Weight (Set) (Kg)	31.5



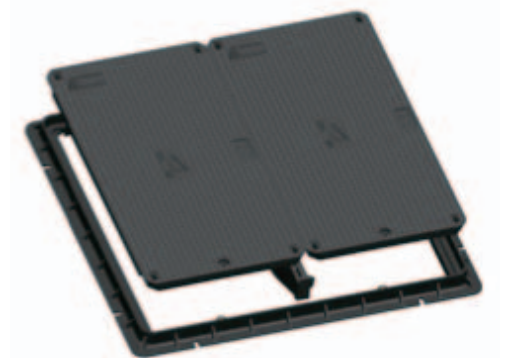
## Class B Composite Access Cover

Item #	80085114
Clear Opening (mm)	600 x 1200
Frame Width (mm)	1732
Cover Width (mm)	1244
Frame Depth (mm)	700
Cover Depth (mm)	644
Weight (Set) (Kg)	37.5



## Class B Composite Access Cover

Item #	80085117
Clear Opening (mm)	1200 x 1200
Frame Width (mm)	1402
Cover Width (mm)	1288
Frame Depth (mm)	1358
Cover Depth (mm)	1244
Weight (Set) (Kg)	87



\*Also requires item 90814 crossbar to complete set

For further technical details or advice freephone  
0800 502 112 or visit [www.humes.co.nz](http://www.humes.co.nz)

Buyers and users of the products described in this brochure must make their own assessment of the suitability and appropriateness of the products for their particular use and the conditions in which they will be used. All queries regarding product suitability, purpose or installation should be directed to the nearest Humes Sales Centre for service and assistance. © Fletcher Concrete and Infrastructure Ltd  
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