# Kent Triple Seal Watertight Manhole



#### 1 KENT STAINLESS: INTERNAL MANHOLES

## KENT TRIPLE SEAL WATER TIGHT MANHOLE KMHT(W)-600/600

Kent Triple Seal Water Tight Manholes are primarily used when it is essential that no water penetrates through the cover, either from above or below the surface. They are popularly used to cover basement openings, access areas at spas and pools, as well as \_\_\_\_\_

The cover features three neoprene seals and a back pressure plate.

The first two seals each have two contact points that allow the seals to compress for greater watertightness.

The third seal is located under the perimeter of the back pressure plate and together with the stainless steel plate, they stop water from flooding from below ground.

All three seals make a positive connection and the manhole has locking points surrounding the bottom sealing plate to guarantee this seal and ensure the cover is watertight.

The back pressure plate can be made to stop different levels of pressure as required by adjusting the thickness of the plate and perimeter bolts used

#### Features:

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Guaranteed Water tight

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- Back Pressure Plate
- Fabricated to any Dimension
- Grade 304 or 316 Stainless
  Steel
- 4 lifting points as standard
- Lockdown as standard
  - Can suit FACTA D Loading





KENT TRIPLE SEAL WATER TIGHT MANHOLE KMHT(W)-600/600

Product Code	Clear Opening	Internal Tray Depth	Visible Frame Size
KMHT(W)-300/300	300mm x 300mm	80mm	672mm x 672mm
KMHT(W)-450/450	450mm x 450mm	80mm	822mm x 822mm
KMHT(W)-600/600	600mm x 600mm	80mm	972mm x 972mm
KMHT(W)-750/750	750mm x 750mm	80mm	1122mm x 1122mm
KMHT(W)-900/900	900mm x 900mm	80mm	1272mm x 1272mm





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## KENT TRIPLE SEAL WATER TIGHT MANHOLE KMHT(W)-600/600

# **Specify**

**Customise your size**, or go with our standard clear opening 600mm x 600mm x 80mm

## Specify:

Kent Triple Seal Water Tight Manhole KMHT(W)600/600; 600mm x 600mm clear opening, 80mm tray depth; Triple seal; Grade 304 Stainless steel; Loading FACTA B

Choose your steel:

Grade 304 Stainless steel Grade 316 Stainless steel Choose your loading FACTA A FACTA AA FACTA AAA FACTA B FACTA C FACTA D

#### Weight Loading - FACTA Class

Internal Tray Depth is altered to change FACTA Class: 50mm deep - Class A Loadings depending on cover size 80mm deep - Class C/D Loadings depending on cover size 110mm deep - D400 Loading 130mm deep - E600 Loading

FACTA Class	Slow Moving wheel Loads	Kent Safety Test (Unfilled)
А	0.6T	0.8T
AA	1.5T	3.1T
AAA	2.5T	5.2T
В	5T	10.1T
С	6.5T	13.2T
D	11T	22T

Option	IS
Grade	304L Stainless Steel
Grade	316L Stainless Steel
Vario	ıs Loadings (See FACTA table)
Fire P	anels

# KENT TRIPLE SEAL WATER TIGHT MANHOLE KMHT(W)-600/600

## **Stainless Steel Maintenance**

Clean the stainless steel components using warm water with a mild detergent with a non abrasive cloth or sponge. Heavier stains may require the use of a nylon scouring pad or a stainless steel cleaner. To remove paint or graffiti (or light concrete splashes) use a cloth and alkaline or solvent paint strippers according to type of paint. For Satin Finish Stainless try to follow the

direction of the grain when cleaning vigorously or polishing. For Bead Blasted Finish use a circular motion. Rust spots or 'tea stains' can occur on the surface of the material, these are normally caused by contamination from ordinary mild steel, particularly in areas where construction work has been undertaken. Where contamination of the stainless has occurred from ordinary mild steel coming into contact with the stainless, use Rust Remover 410. In cases where the surface is severely stained as a result of severe environmental conditions or scratched due to misuse, it may still be possible to restore the original finish using chemicals such as Oxalic Acid solution. There are many stainless steel polishes available to enhance the surface finish. We recommend Mister Stainless Ltd. as a provider for stainless steel cleaning products

# Grade 304 vs. 316 Stainless Steel

The last thing our we want for our customers is to have to deal with staining or rust on their Kent Stainless Steel products. If your product will be exposed to harsh or coastal environments, we recommend upgrading to grade 316L stainless steel which extends the life span of the product for years more. Consider this fact when planning a future project.

#### Grade 304L Stainless Steel

304 stainless steel is the most common form of stainless steel used around the world. It contains between 16 and 24 percent chromium and up to 35 percent nickel, as well as small amounts of carbon and manganese. 304 can withstand corrosion from most oxidizing acids. That durability makes 304 easy to sanitize, and therefore ideal for kitchen and food applications. It is also common in buildings, décor, and site furnishings. However, it is susceptible to corrosion from chloride solutions, or from saline environments like the coast.

#### Benefits

- Lowest Cost Corrosion resistant option
- Resistant to oxidation
- Low maintenance
- Durable and strong

### Grade 316L Stainless Steel

316 grade is the second-most common form of stainless steel. It has almost the same physical and mechanical properties as 304 stainless steel, and contains a similar material make-up. The key difference is that 316 stainless steel incorporates about 2 to 3 percent molybdenum. The addition increases corrosion resistance, particularly against chlorides and other industrial solvents. 316 stainless steel is commonly used in many industrial applications involving processing chemicals, as well as high-saline environments such as coastal regions and outdoor areas where de-icing salts are common. Due to its non-reactive qualities, 316 stainless steel is also used in the manufacture of medical surgical instruments.

#### Benefits

- Superior Corrosion resistance
- Chorine Resistant
- Low maintenance
- Durable and strong

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