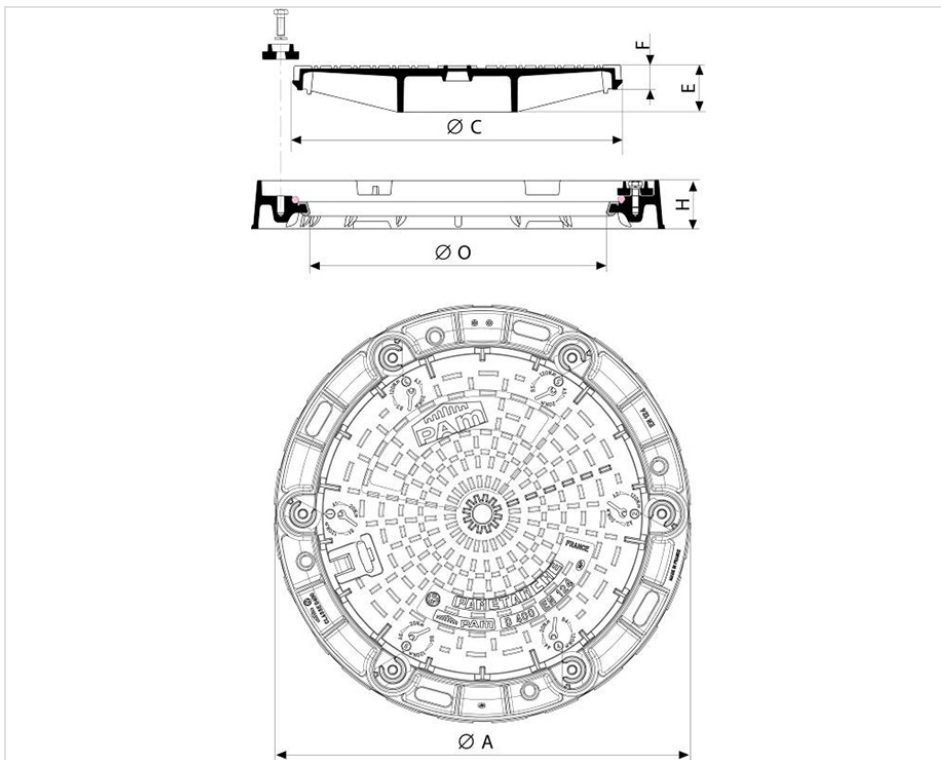


Manhole cover PAMTIGHT DUCTAN - D400 class Round frame – Sealed

Torque for clamping claws



| A (mm) | C (mm) | O (mm) | H (mm) | E (mm) | F (mm) | Total Mass (kg) | Cover mass (kg) | Packaging | References |
|--------|--------|--------|--------|--------|--------|-----------------|-----------------|---------------------------------|-------------|
| 850 | 680 | 610 | 100 | 94 | 50 | 102.26 | 48.8 | Individually in protective felt | CDPE60AFX98 |





Origine France Garantie

- This product is made in France in our foundry in Blénod-les-Pont-A-Mousson (54), and is certified Origine France Garantie. This guarantees consumers that the product is made in France in accordance with specifications available on originefrancegarantie.fr. The certification number is: BVCert 6026906.
- *"Origine France Garantie certification is awarded by an independent certification body. Checks are then carried out every year to ensure that the product is indeed 100% made in France and that at least 50% of the product's manufacturing costs (including raw materials) are of French origin".*»

Material and coating:

- Frame and cover in ductile iron EN-GJS-400-15.
- DUCTAN[®] coating applied on external and internal surfaces of frame and cover :
 - DUCTAN[®] characteristics:
 - Corrosion performances :
 - Resistant to the most severe acidic corrosive environments (pH1 to pH10), and to marine environments (sea, salt, sand, etc.).
 - Coating protects the entire product. Totally smooth, it prevents the build-up of condensation areas.
 - Mechanical resistance :
 - Perfect adhesion with an average value of up to 15 MPa (150 kg/cm²). Excellent resistance to abrasion. Very flexible, it is highly resistant to impact.
 - Environmental aspects :
 - Excellent environmental characteristics:
 - no bisphenol (BPA free), including bisphenol A,
 - no VOCs,
 - no TGIC (triglycidyl isocyanurate),
 - no phthalates,
 - no isocyanates,
 - no halogens,
 - no heavy metals.
 - Long-lasting exposed manholes.
 - Thanks to its very high performance against chemical attack, the DUCTAN[®] coating provides exceptional durability for cast iron manholes, avoiding the need to seal a new manhole to replace a corroded one. Thanks to its flexibility and adhesion, the lining will resist mechanical attack during installation and inspection.

Field of application:

- D400 class (Group 4) according to standard EN124-2, carriageways of roads, hard shoulders and parking areas for all types of road vehicles.
- Normal traffic areas and infrequent inspections.

Main characteristics:

- Sealed of water to a 1 bar positive or negative pressure rating
- Sealed handling box
- [Fastened of a cover in his frame by 6 bolts and clamping claws](#)
- [Equipped of clips avoiding the looseness of the clamping claws](#)
- Anti-theft function in option, performed by 3 hexagonal head screws + 3 anti-theft screws (reference CDPE60AFX52)
- Elastomer sealing ring: reference CDPE60AF-L
- Watertightness attestation

PAMTIGHT DUCTAN specific field of use

- Sewage system components highly exposed to H₂S gas.

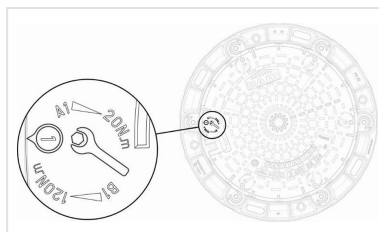
Main PAMTIGHT DUCTAN Characteristics

- The tapped holes in the frame where the screws are used to secure the clamps, and the clamps themselves, are not coated with DUCTAN® in order to preserve the operation of the system. The clamps and screws are outside the area affected by H₂S emanations.

Linked products



Polyethylene ring



Manhole cover PAMTIGHT -
D400 class - Disassembling/
Reassembly of the cover



PAMTIGHT manhole covers
- Anti-rotation clips



The information on this sketch is, to the best of our knowledge correct at the time of printing. However Saint-Gobain are constantly looking at ways of improving their products and services therefore reserve the right to change without prior notice, any of the data shown. Any orders placed will be subject to our Standard Conditions of Sale, available on request.