

Manhole Castings L-3

Pamtight Ductile Iron Frame & Cover

PAMTIGHT manhole covers are the optimum choice for applications where air- and watertightness are required. Made from ductile iron — an engineered material that offers many advantages over traditional cast iron — PAMTIGHT covers deliver all the benefits of pressure tightness, resistance to traffic shock and enhanced ergonomics, providing advanced solutions for today's public works departments, engineers and maintenance personnel.



Features:

- Available in 24" opening
- Two rings:
 - Elastomer sealing ring
 - Rubber seating ring fastened by 6 bolts and clamping claws
- Ductile iron
- Class D 400 EN 124
- Exceeds H20, AASHTO loading
- Closed handling box

PAMTIGHT manhole covers are designed to prevent the infiltration or escape of air and water to a 14-psi (1-bar) positive or negative pressure rating.

- Elastomer sealing ring ensures watertightness (confirmed during seven-day trial in hydraulic laboratory).
- Design incorporating both stainless steel bolts (6) and clamping claws allows higher performance sealing.
- After opening, cover can be put back in any orientation and remain pressure tight.

DESCRIPTION	PRODUCT NUMBER
24" x 4" PAMTIGHT DI MH F&C - Sewer	62115 SWR
24" x 4" PAMTIGHT DI MH F&C - Plain	62115 PL

SPECIFICATIONS:

Manhole cover and frame shall be called PAMTIGHT or approved equal. Cover and frame shall be manufactured from Ductile Iron. The PAMTIGHT is 3rd party certified and is ISO 9000 approved. Covers shall be fastened to the frame by six clamping claws held by stainless steel bolts. Covers shall incorporate a sealed handling box and be one-man operable using standard tools, and shall be capable of withstanding a test load of 100,000 lbs. Frames shall be circular and be available in a 24-inch clear opening. The frame depth shall not exceed 4 inches, and the flange shall incorporate bedding slots and bolt holes. Cover and frame shall incorporate a seating ring to prevent the ingress and escape of air and water to 14 psi (1 bar) positive or negative. Cover and frame shall be black coated.

Detail of Sealing and Locking Systems

