

C-TECH RUBBER PIPE PRODUCTS



PUSH-IN MANHOLE SEALS

C-TECH RUBBER P/L

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C-TECH RUBBER PIPE PRODUCTS

PUSH-IN MANHOLE SEALS

Application:

For the connection of pipes to cored or cast in hole to a Manhole or Headwall

Specification:

Material meets AS 1646, ASTM C443

1. *C-Tech Rubber's Push-In Manhole Seal Benefits:*

- *C-Tech Rubber's Push-In Seal* is for the connection of pipes that are produced from various materials (such as PVC, PE, cast iron, fibre-reinforced cement, concrete) to manhole base units or concrete and steel-reinforced concrete pipes.
- *C-Tech Rubber's Push-In Manhole Seal* is used for various connecting pipes. The tolerance of the gap for the push-in seal profile to take account of is $\pm 1.7\text{mm}$.
- *C-Tech Rubber's Push-In Manhole Seal* complies with the following standards:

DIN4060	Pipe joint assemblies with elastomeric seals for use in drains and sewers.
AS1645	Elastomeric seals for waterworks purposes.
ASTM C443	Standard specification for joints for concrete pipe and manholes using rubber gaskets.
- *C-Tech Rubber's Push-In Manhole Seal* is a compression slip ring seal. The seal is pushed into the cored hole and fixed in place by the shoulder section on the seal. The seal is compressed slightly when fitted, giving it a "pre-load" against the cored hole.
- *C-Tech Rubber's Push-In Manhole Seal* is a resilient, high quality seal, able to stand high shear forces.
- *C-Tech Rubber's Push-In Manhole Seal* will centre pipes due to its unique design.
- *C-Tech Rubber's Push-In Manhole Seal* permits water-tight connection of pipes to concrete components through a cored hole in a dependable, flexible and cost-effective manner.

2. Material:

C-Tech Rubber's Push-In Manhole Seal is normally manufactured from "natural rubber to AS1646", as this material is suitable for the usual stresses in a sewerage application. If sewerage contains light fuels (such as oils, petrol and fuels), then it is recommended that *C-Tech Rubber's Push-In Manhole Seal* be made from nitrile rubber (NBR) due to its ability to withstand these light fuels.

