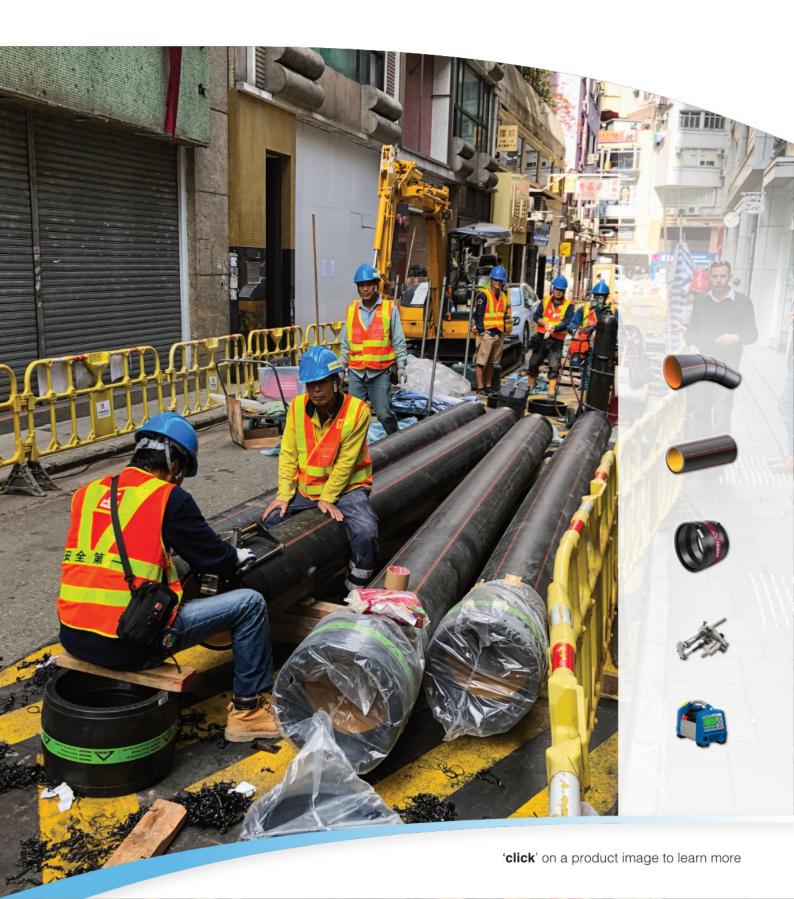
## HONG KONG

## Hopewell Centre II Ship Street Gravity Sewer Upgrade









## Hopewell Centre II is an extension of the original 1980 Hopewell Centre in Wan Chai.

November 2018

Due to the development of Hopewell Centre II, an upgrade of the sewer drainage system between Queens road East and Johnson road along Ship Street was required. The upgrade of the sewer pipes in Ship Street was problematic as it is a busy oneway street and highly congested below the roads surface with other services.

The pipes start at Hopewell Centre II with Mill-Pro M90 ES PE100 RC (Resistant to Crack) DN700 pipe. reducing to DN550, DN450 and finally twin DN 350 lines due to congestion below street level, forcing smaller pipes to be used.

Designers can use pipe sizes approximately 20% less in diameter than traditional sewer materials such as earthenware or concrete, while delivering the same flow due to the superior hydraulic performance of PE.

Pipes were joined using Friatec's UB 17 couplers made in Germany.

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