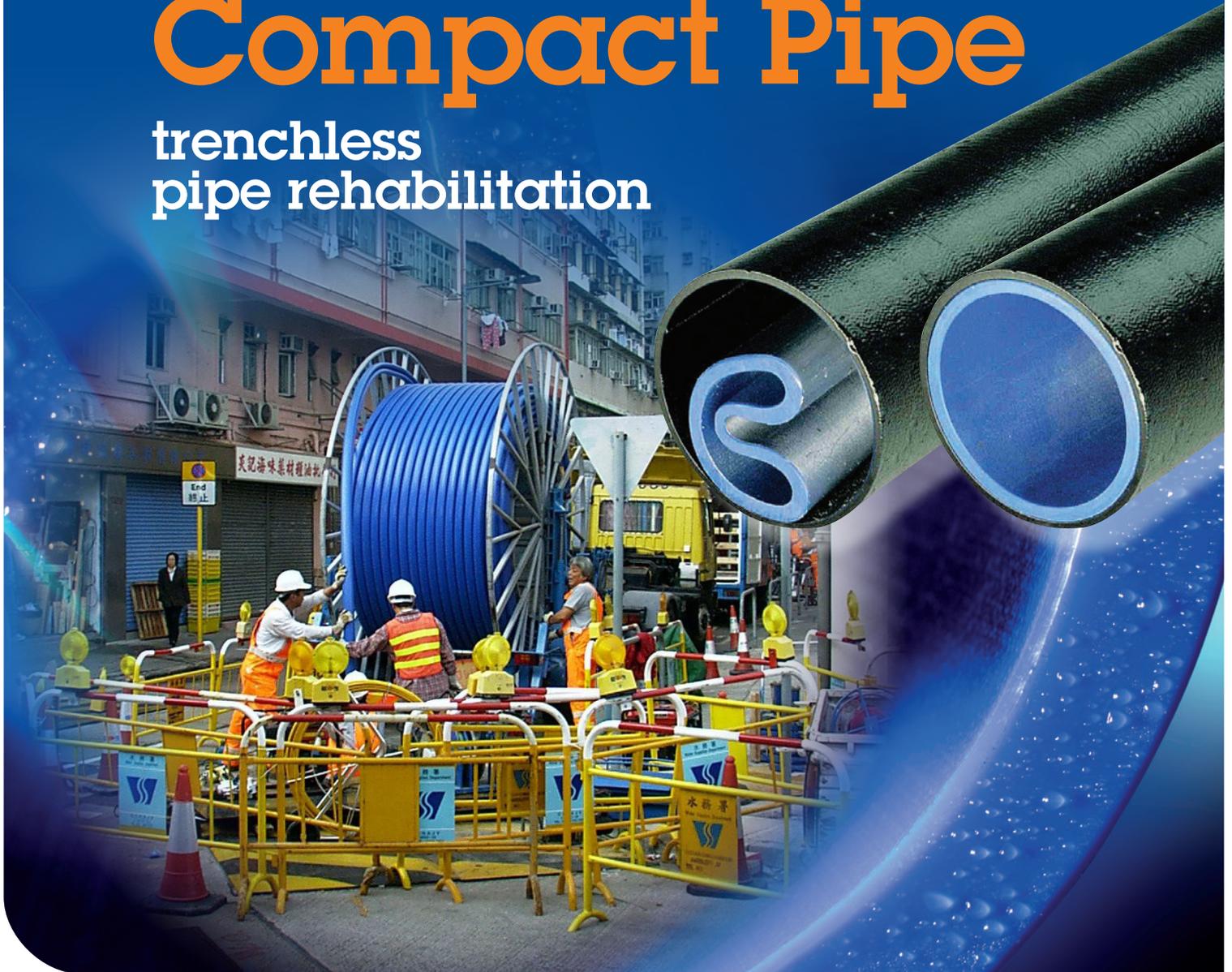


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Wavin Compact Pipe

trenchless
pipe rehabilitation



Most households are connected to pipeline systems. However, large parts of these pipelines are in poor condition, endangering human lives and the environment. Compact Pipe has proven to be the ideal technology for the trenchless rehabilitation (renovation) of damaged water, sewer, gas and industrial pipelines made of traditional materials such as cast iron, steel, concrete, clay or asbestos-cement.

The Wavin close-fit technique Compact Pipe offers a structurally independent pipe with the quality and durability of a newly installed pipe. The trenchless technique has proven to be the best option in times of increasing costs of replacing pipelines and growing traffic intensity.



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Quality requirements

The Wavin Compact Pipe system meets all requirements laid down in the respective EN and ISO standards: EN ISO 11298 for water, EN ISO 11299 for gas, EN ISO 11296 for non-pressure sewer and EN ISO 11297 for pressurized sewer applications. Rigorous testing and quality control both on products in their manufactured state and in their installed state, ensure the reliability of the system.

Range

Compact Pipe is made of PE 80 or PE 100 with pipe diameters ranging from 100 mm to 500 mm. Coiled on drums the pipe lengths are up to 900 m, depending on the nominal diameter/SDR class of Compact Pipe.

Compact Pipe is available in blue, white, green and yellow/orange. Standard PE fittings can largely be used to complete the system.

Wavin Compact Pipe is available only through a vast international network of professional, licensed installers. The installers have all been trained and certified by Wavin in accordance with the system's strict installation requirements.

		PN 10	PN 6	PN 4
Pressure applications - PE 100 -	Water Industrial	ø 100 - 450	ø 150 - 500	-
	Gas	-	ø 100 - 400	ø 150 - 500

		PN 10	PN 6	PN 4
Non-pressure applications - PE 80/100 -	Sewer	ø 150 - 450	ø 150 - 500	ø 200 - 500

Applications

Compact Pipe is used for the rehabilitation of water, sewer, gas and industrial pipelines, i.e. for both pressure and non-pressure applications.

Compact Pipe is especially advantageous where the pipeline is not accessible or in heavy traffic areas where open trench construction is not possible. Construction work is restricted to small start and end pits. These pits can even be omitted completely when rehabilitating sewer pipes, where the existing manholes can be used. Compact Pipe is designed to be an independent liner capable to bear all loads itself.

System benefits

- ⦿ **High quality Close-Fit renovation**
 After installing Compact Pipe, the renovated installation shows a quality and durability of a new installation.
- ⦿ **Minimal disruption**
 Installing Compact Pipe leads to minimal disruption of traffic, people and the environment as the construction work is restricted to start and end pits.
- ⦿ **Cost effective**
 Compact Pipe is a very cost-effective alternative to the direct replacement of a pipeline.
- ⦿ **Universal use**
 Next to use in various pressure pipe applications, Compact Pipe can also be used in gravity sewers.
- ⦿ **Accommodating bendy tracks**
 Bends in the pipeline track can easily be mastered in one go.
- ⦿ **Reduced installation time**
 Installation time is minimized due to working with long lengths.
- ⦿ **Optimum flow properties**
 Properties are optimal due to the close-fitness and smooth inner surface of the renovated pipe.
- ⦿ **Long-term renovation experience**
 Wavin has over 25 years of international renovation experience. Compact Pipe has been used extensively in mega-cities like Hong Kong, Shanghai, Melbourne and Paris.



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