

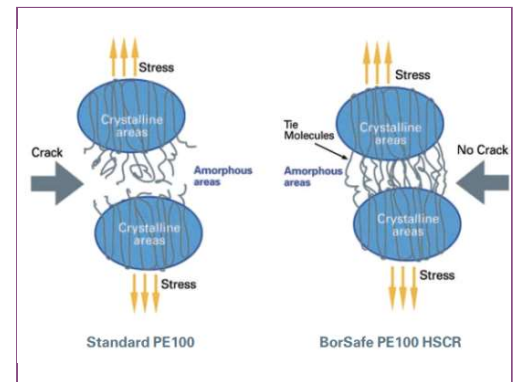
# Gapex PE100 RC

Non-Potable Water Pipeline Series

Gapex' PE100RC-PSW series is a special-made piping system for the Hong Kong non-potable water conveying system. The piping is made of PE100 RC polymer as the basic raw material and is produced by co-extrusion. PE100 RC is a high-quality polymer material with excellent resistance to Aging, impact resistance, corrosion resistance, the selection of PE100 RC material for the city's non-potable water conveying system will make the whole system safer and more reliable. It is also more durable.

## Overall benefits using PE100 RC of using high stress crack materials are as follows:-

- The performance of a PE100 material meeting all the requirements of EN1555/ISO 4437 and EN12201/ISO 4427
- Additional security against crack growth meeting all the requirements of PAS 1075
- Exceptional resistance to slow crack growth to give a long lifetime
- Retains good low sag properties necessary for large diameter pipe production
- Ideal for custom design multilayer pipe to meet the demands of the installation technique
- Maintains the high security and high durability expected of PE systems
- Provides "Peace of Mind" for the project engineer/system owner



Gapex's PE100 RC non-potable water pipeline series is made of PE100RC as raw material, produced by co-extrusion method, the main body of the pipeline is made of 90% black base material, and the outer layer has a 10% purple marking layer, which makes the management of urban pipelines easier



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Non-Potable Water Pipeline Series



**Purple non-potable water Pipe  
PE100 RC PN16 SDR 11**

**Origin: China**

**Standard: BS EN12201-2**

**Material: PE100 RC**

Color		Colour	BS 4901 Colour	RAL Code
90% Black Solid Body 9011	RAL 9011	Black	00E53	9011
10% Purple indication layer	RAL 4004	Purple	04D44-04D45	4004

Equivalent Size	Nominal Outside Diameter (dn)	Mean Outside Diameter (dem)		SDR 11	
				Wall thickness	ID
DN	DN/OD	Min.	Max.	Mean	Mean
DN80	90	90	90.6	8.7	72.9
DN100	125	125	125.8	12.1	101.3
DN150	180	180	181.1	17.3	146.0
DN200	250	250	251.5	23.9	203.0
DN250	315	315	316.9	30.1	255.8
DN300	355	355	357.2	33.9	288.3
DN350	450	450	452.7	43.0	365.4
DN400	500	500	503.0	47.8	406.0
DN450	560	560	563.4	53.4	454.9
DN500	630	630	633.8	60.2	511.6
DN600	710	710	716.4	67.8	577.6
DN700	800	800	807.2	76.3	651.0
DN800	900	900	908.1	85.9	732.4
DN900	1000	1000	1009.0	94.8	814.9

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