



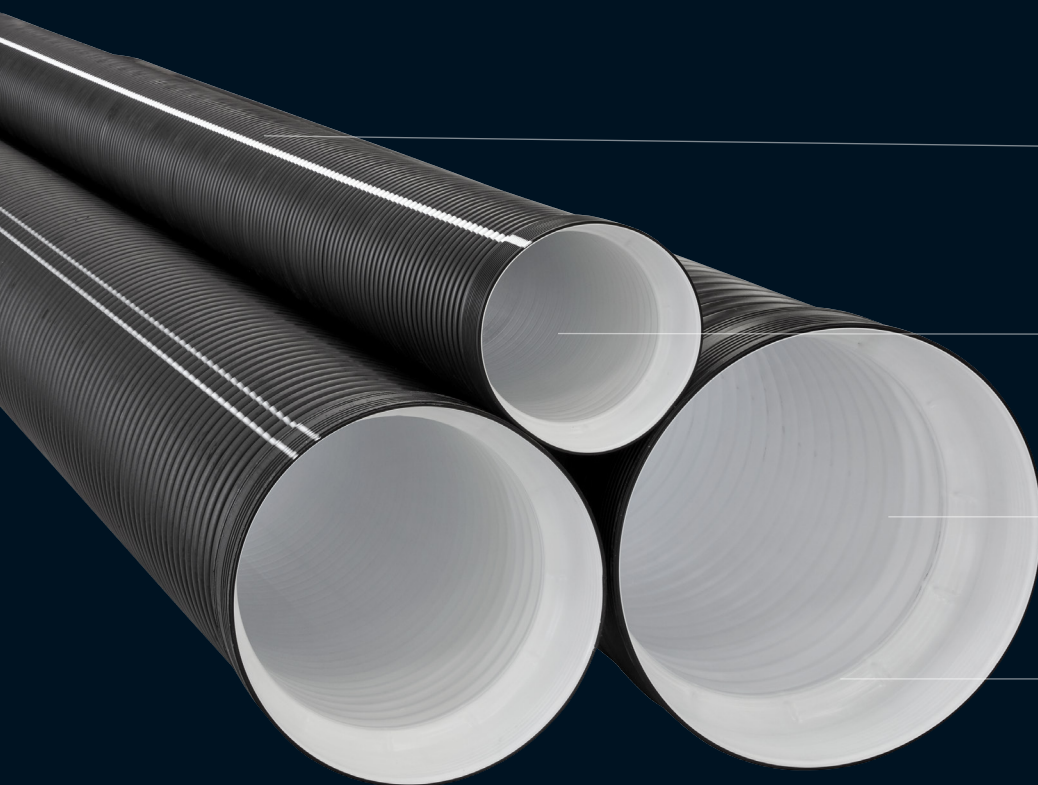
**IQ-pipes for  
storm water and wastewater**

**Technical Datasheet**

**uponor**



# IQ pipes



## Waterproof system

Double layers with a smooth inside and sealing rings ensure a watertight system.

## Less joints

In-line socket reduce the number of joints with 50%.

## Easy inspection

White inside for easy inspection.

## 100 years expected lifetime

Strong and durable solution with a long service life.

## Uponor IQ pipes

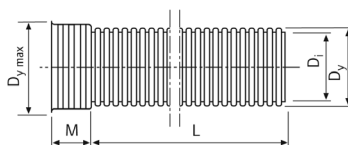
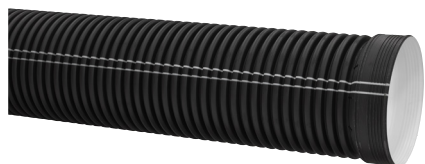
IQ stormwater pipes are a part of Uponor IQ, a pipe system for rain and meltwater handling. The pipes are used as stormwater pipes and road drums in municipalities and transport sector, as well as agriculture and forestry applications. The pipes are also used as culverts and for conducting wastewater.

The system is made of polypropylene – a sustainable plastic in terms of its properties and longevity. All in all, Uponor IQ provides a solution that has a service life of a hundred years.

Application	Stormwater: road drums, drainage / Wastewater
Material	Polypropylene
Colour	Black pipe with grey stripes, white inside
Dimensions	200-1200mm
Lengths	3, 6 and 8m
Standards Approvals	EN 13476-3 NPM Cert. no. 4077 (ID 200-800) NPM Cert. no. 4039 (ID 200-800) NPM Cert. no. 4088 (ID 200-800)

# Technical data

System and material properties	Value	Unit	Standard / Test method
Density	900	kg/m <sup>3</sup>	ISO 1183
Ring stiffness	SN8	kN/m <sup>2</sup>	ISO 9969
Long-term modulus of elasticity E50	425	MPa	ISO 527-2
Short-term modulus of elasticity E50	1650	MPa	ISO 527-2
Coefficient of thermal expansion	0.18	mm/m°K	
Thermal conductivity	0.22	W/ m°K	DIN 52612 v. 23°C
Max. continuous operating temperature	45	°C	
Max. instantaneous operating temperature	95-100	°C	
Max. allowable angular deflection at joints 225/200	2°		
Max. allowable angular deflection at joints 338/300-560/500	1.5°		
Max. allowable angular deflection at joints >664/600	1°		



Ring stiffness SN8 with socket. Ø800-1200 with socket and spigot end.

Dimensions mm	OD/ID mm	Dy max. mm	M mm	Lengths m	
200	225/196	245	94	3m	6.0m
300	338/296	360	110	3m	6.0m
400	450/392	480	145	3m	6.0m
500	560/491	595	170	3m	6.0m
600	684/593	713	244	2.8m	6.0m
800	902/796	910	260	2.8m	6.0m
1000	1154/1009	1165	277	2.7m	6.0m
1200	1360/1187	1370	375	2.6m	5.8m

**Moving**  
**> Forward**

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