

**Uponor drainage pipes**  
**PE**

**uponor**

**Technical datasheet**



# PE pipes for drainage of water



PE has good impact resistance and is flexible even at low temperatures

Long life time

Easy to transport and install

Complete system of pipes and fittings

PE has great strength with low weight and low friction

Meets requirements according to DS 2077.1 and 2. Tested according to Swedish standard SS 3520 / SS 3542.

## Fully slotted drainage pipes for all types of drainage


Uponor drainage pipes are made of PE (polyethylene) and are always delivered fully slotted, which ensures effective drainage results.


During drainage, surface water and groundwater are collected and diverted. In many places, it is necessary to drain agricultural land to achieve efficient use of the soil.


When constructing building structures, road plants must be drained to prevent groundwater and surface water from causing settlements.

Application	Drainage of groundwater and surface water
Material	PE - Polyethylene
Colour	One-layer pipe in black, blue and blue with black polyester
Dimensions	ø92/80 - ø126/113 - ø160/145mm
Standards	DS 2077.1/2 and SS 3520 / SS 3542

# Assortment

Black standard	VVS no.	Uponor no.	OD mm	ID mm	Coil length m	Slot size mm	Slots per m	Hole area per m cm <sup>2</sup>
	199007005	1136271	92	80	50	1.2x6.5	600	approx. 50
	199007015	1136272	92	80	150	1.2x6.5	600	approx. 50
	199011005	1136277	126	113	50	1.2x6.5	296	approx. 36
	199013005	1136281	160	145	50	1.2x6.5	192	approx. 30

Blue special	VVS no.	Uponor no.	OD mm	ID mm	Coil length m	Slot size mm	Slots per m	Hole area per m cm <sup>2</sup>
	199017005	1136273	92	80	50	2.3x7	600	approx. 105
	199017015	1136274	92	80	150	2.3x7	600	approx. 105
	199021005	1136278	126	113	50	2.3x7	296	approx. 75
	199021010	1136279	126	113	100	2.3x7	296	approx. 75
	199023005	1136283	160	145	50	2.3x7	192	approx. 60

Blue special with black polyester	VVS no.	Uponor no.	OD mm	ID mm	Coil length m	Slot size mm	Slots per m	Hole area per m cm <sup>2</sup>
	199027005	1136275	92	80	50	2.3x7	600	approx. 105
	199033005	1136280	126	113	50	2.3x7	296	approx. 75
	199033005	1136282	160	145	50	2.3x7	192	approx. 60

# Properties

System and material specifications	Value	Unit	Standards
Density	≥940	kg/m <sup>3</sup>	ISO 1183
Ring stiffness	>SN4	kN/m <sup>2</sup>	ISO 9969
Long-term elastic modulus E <sub>50</sub>	180	MPa	ISO 527-2
Short-term elastic modulus E <sub>0</sub>	800	MPa	ISO 527-2
Thermal expansion factor	0.06	mm/m · °C	
Thermal conductivity	0.4	W/m · °C	DIN 52612 v. 23 °C
Maximum continuous operating temperature	45	°C	
Maximum momentary operating temperature	60	°C	

**Moving**  
**> Forward**

**uponor**

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