Langervaldes iela 2a,
Jelgava, Latvia, LV-3002

Phone: +371 630-943-00
e-mail: info@evopipes.lv

Website: www.evopipes.lv

TECHNICAL DATA SHEET

RIGID MONO PP SN8

Smooth solid-wall sewage pipes, EN 1852-1,
with integral socket and integrated sealing ring

Conformity:
EN 1852-1
Nordic Poly Mark

PRODUCT DESCRIPTION

RIGID MONO PP smooth-wall pipes for gravity sewer network systems with integral socket and integrated sealing ring. Solid-wall pipe designed from homogeneous flexural modulus polypropylene (PP) material.

Standard colour of the RIGID MONO PP pipe is reddish brown. It is equipped with integral socket and integrated sealing ring. The supplied sealing ring grants a hermetic seal with a pressure rating of ≥0,5 bar (for coupling area).

Sealing ring material: EPDM (ethylene-propylene-diene rubber (terpolymer)).

Pipe produced according to standard: EN 1852-1

Sealing rings conform to standard: EN 681-1/A3

APPLICATION AREA

RIGID MONO PP pipes are applicable in utility wastewater and stormwater gravity sewerage systems.

Intended installation depth for pipes with nominal ring stiffness SN8 are 0.8 — 6.0 m. Recommended pipe installation according to traffic load groups defined in EN 124 (intended for 1., 2., 3., 4. groups).

- Utility sewerage systems at building construction areas
- Street construction - with and without traffic load
- Extension of existing sewerage system networks
- In parks, squares and recreational areas
- Etc.

Nominal ring stiffness class:
≥SN8 [kN/m²]

Ring flexibility: **RF30**

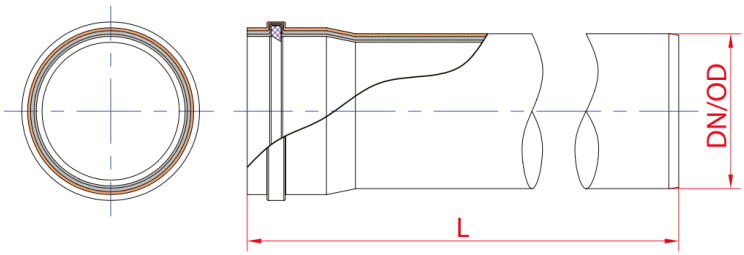
Impact resistance at –10°C:

❄ **(ice crystal)**

Open product

PRODUCT DIMENSIONS

Nominal size DN/OD [mm]	110	160	200	250	315	400
Length, [m]	2 / 3 / 6					



Langervaldes iela 2a,
Jelgava, Latvia, LV-3002
Phone: +371 630-943-00
e-mail: info@evopipes.lv
Website: www.evopipes.lv

TECHNICAL DATA SHEET

RIGID MONO PP SN8

Smooth solid-wall sewage pipes, EN 1852-1, with integral socket and integrated sealing ring

Conformity:
EN 1852-1
Nordic Poly Mark

PRODUCT PARAMETRS

Pipe physical and mechanical properties		
Parameter	**Value**	**Test method**
Material	Polypropylene (PP-B)	
Ring stiffness, SN [kN/m²]	≥8	EN ISO 9969
Ring flexibility RF, at 23°C and RH50 %	At 30% sample deformation without changes in pipe structure (compiles with class RF30)	EN ISO 13968
Impact strength at –10°C (staircase method)	H_{50}≥1000 mm	EN ISO 11173
Creep ratio, at 23°C /1008 h	≤ 4 at 2 years extrapolation	EN ISO 9967
Sealing ring physical and mechanical properties		
WCL type rubber sealing ring		
Material	EPDM	ISO 1629
Durability in low temperature, at t=-25°C	72 h	ISO 815
	168 h	ISO 3387
Chemical resistance	pH2<pH<pH12	ISO/TR 7620
Permeability pressure	≤0,5 bar	EN ISO 13254 EN ISO 13259 Condition B and C

Nominal ring stiffness class:
≥SN8 [kN/m²]

Ring flexibility: **RF30**

Impact resistance at –10°C:

❄ **(ice crystal)**

Open product

PRODUCT MARKING

Pipe marking	
Aspect	**Marking**
Manufacturers information	EVOPIPES
Product name	RIGID MONO PP
QA organization signature	Nordic Poly Mark
Standard number	EN 1852-1
Ring stiffness class	SN8
Ring flexibility	RF30
Impact resistance	Ice crystal
Intended installation area code	UD
Pipe nominal size	e.g. DN/OD200
S-series	S14
Pipe length	e.g. 6m
Date of production	date
Batch No.	Reference number