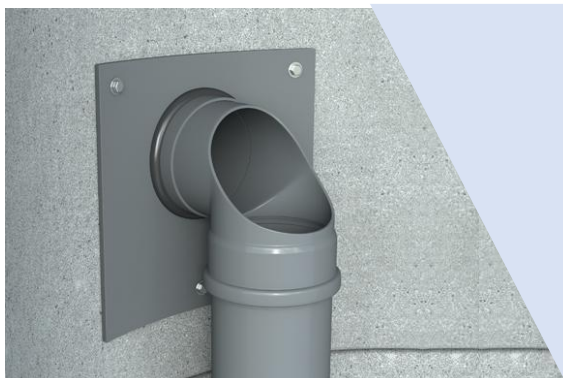




Technical Data Sheet

ILA Internal Backdrop

The internal backdrop with EPDM seal on the rear side was developed to bridge a height offset in the sewer system. The Funke ILA can be used both for new chambers construction and for retrofitting.



Materials

PVC-U (plasticiser-free) / EPDM

Clamping band: stainless steel 1.4301

Chemical resistance

pH 2-12, resistance list according to DIN 8061, passed against most acids and alkalines, alcohols, fats, petrol, aliphatic hydrocarbons, detergents

Flamability

Flame retardant, self-extinguishing

Application area

Subsequent connection to chambers as a backdrop with inspection opening

Density

$\rho = 1.41 \text{ g/cm}^3$ (PVC-U)

E-modulus

$E > 3,000 \text{ N/mm}^2$

Linear coefficient of thermal expansion

$6-8 \times 10^{-5} \text{ K}^{-1}$

Vicat softening temperature

$\geq 79^\circ\text{C}$

Colour

Grey

Nominal diameters /
Connection options /
Variants

Funke-ILA DN/OD 160-400

Designation	Item No. Chamber DN 1000	Item No. Chamber DN 1200	Item No. Chamber DN 1500	Nominal diameter downpipe in mm
Funke-ILA 160	1600850010	1600850017	1600850024	160
Funke-ILA 200	1600850011	1600850018	1600850025	200
Funke-ILA 250	1600850013	1600850019	1600850026	200 (incl. Reduction 250/200)
Funke-ILA 315	1600850015	1600850021	1600850028	200
Funke-ILA 400	1600850016	1600850023	1600850030	200

Funke-ILA DN/OD 500-710

ILA DN/OD	Downpipe DN/OD
500	250
500	315
600	315
710	315

Funke-ILA BSM-Adapter DN/OD 250-500

Nominal diameter ILA DN/OD	ø Bore hole chamber	Nominal diameter downpipe DN/OD	Item No.
250	320-350 mm	200	1600850033
300	380-400 mm	200	1600850034
400	490-510 mm	200	1600850047
500	600-630 mm	250	1600850035

Funke ILA Fabekun Junction DN/OD 160 and 200.

Nominal diameter ILA DN/OD	Description	Nominal diameter downpipe DN/OD	Item No.
Funke-ILA 160	For installation in chambers with ID 700-1800 and a wall thickness of 30-185 mm	160	1600850009
Funke-ILA 200	For installation in chambers with ID 700-1100 and a wall thickness of 50-245 mm	200	1600850012
Funke-ILA 200	For installation in chambers with ID 1200-2400 and a wall thickness of 50-245 mm	200	1600850046

Useful life

50-80 (100) years

Last updated: 20.05.2025; Technical changes reserved.