

Road and track drainage

Superstructure Drainage

Strabusil® Drainage pipe SN 4 (PE-HD)

Totally perforated (TP), locally perforated (LP) and multi-purpose (MP) pipe, made from polyethylene (PE-HD); structured-wall (corrugated outside, smooth inside), colour: black inside and outside; with white crown marking (only LP and MP).
Heavy duty (SN 4 according to DIN EN ISO 9969)



Technical data

Application:	Drainage of roads, airfields, sports facilities and anywhere where increased demands are placed on drainage pipes.								
Material/raw material:	PE-HD (polyethylene)								
Specification:	according to DIN 4262-1, type R2, structured-wall design according to DIN 16961								
Nominal diameter (DN):	100	150	200	250	300	350	400	500	600
Outside diameter: D _o [mm] approx.	118	174	236	295	349	400	462	573	686
Inside diameter: D _i [mm] ≥	104	155	202	257	303	351	404	502	601
Pipe length: [m]	6								
Perforation width: [mm]	1.2 +0.4/-0 according to DIN 4262-1								
Total perforation area: [cm ² /m]	≥ 50 for LP, TP and MP								
Ring stiffness: [kN/m ²]	≥ 4 (SN 4) according to DIN EN ISO 9969								
Impact resistance:	for DN ≤ 150 H ₅₀ = 1.2 m for DN ≥ 200 H ₅₀ = 1.8 m								
Creep behaviour:	≤ 4.7 according to DIN EN ISO 9967								
Jetting resistance:	according to DIN 19523								
Connections:	with coupling and sealing ring (for MP) made from EPDM, according to DIN EN 681 (DIN 4060)								