

Road and track drainage

Superstructure Drainage

StormPipe

Drainage pipe SN 8 (PE-HD)

Totally perforated (TP), locally perforated (LP) and multi-purpose (MP) pipe, made of polyethylene (PE-HD); structured-wall design (corrugated outside, smooth inside); colour: black outside, grey inside, with white crown marking (only LP and MP); heavy duty (SN 8 according to DIN EN ISO 9969).



Illustration: StormPipe LP

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 as LP, TP; structured-wall design according to DIN 16961 or as described in DIN EN 13476								
Nominal diameter (DN):	100	150	200	250	300	350	400	500	600
Outside diameter: D _o [mm] approx.	118	173	236	295	349	399	461	570	684
Inside diameter: D _i [mm] ≥	104	149	203	255	300	347	399	499	596
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]	≥ 8 (SN 8) according to DIN EN ISO 9969								
Impact resistance:	for DN ≤ 150 H ₅₀ = 1.2 m for DN > 150 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 profile sealing ring (for MP) made of EPDM according to DIN EN 681 (DIN 4060)								