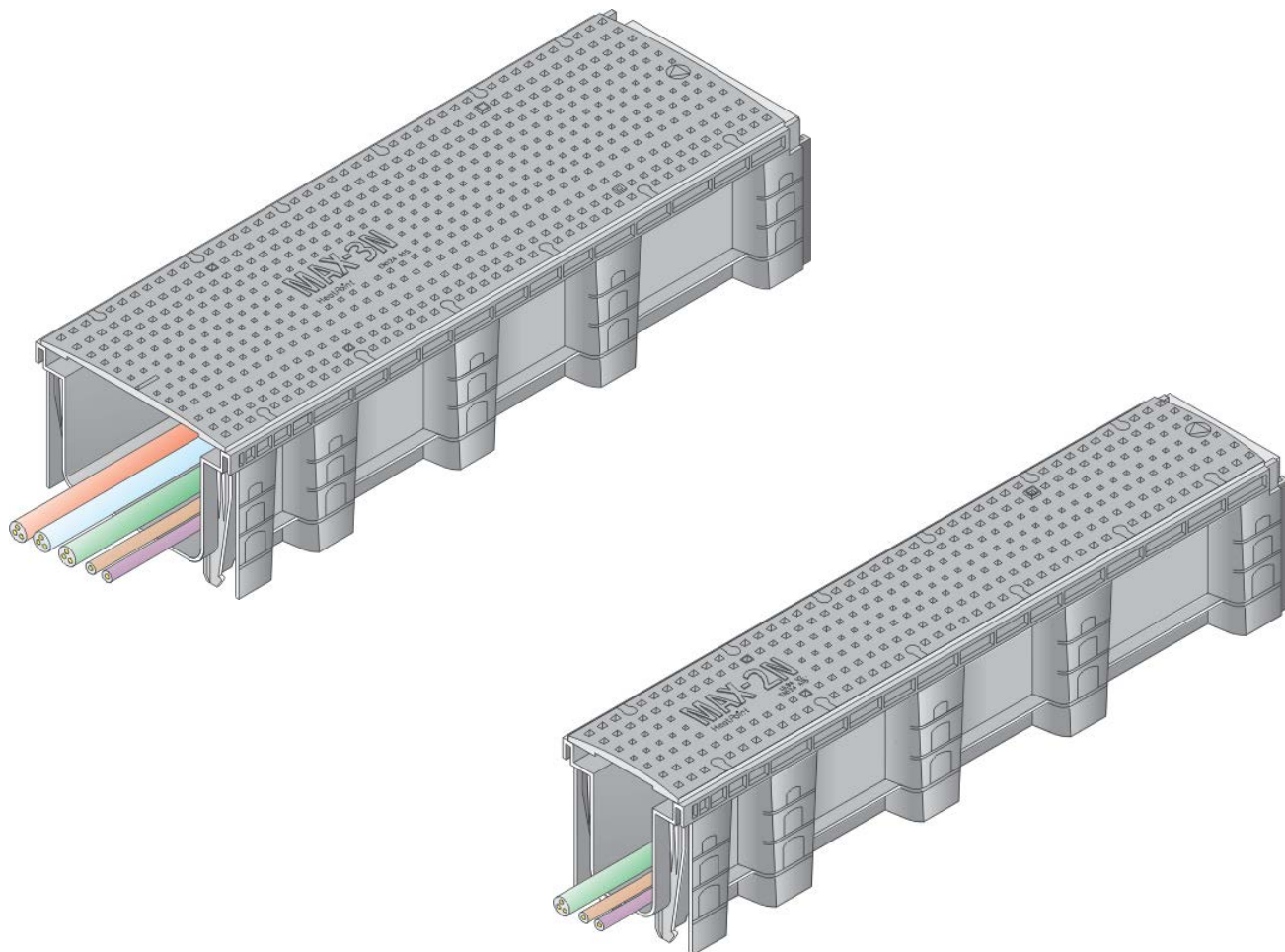


MAX-N CABLE DUCT

The plastic duct as strong as concrete



The sustainable and very strong and tough plastic cable duct





Load test EN124-1 (A15)



Free fall Impact test EN62262



Fire retardant UL94V2

The plastic cable duct is an excellent alternative to heavy concrete ducts. Plastic ducts are used particularly by railway and energy companies for their infrastructure.

The total project costs for plastic ducts incl. transport, installation equipment, laying and material costs are roughly 25 to 30% lower than concrete ducts in similar circumstances.



Technical specifications		
	MAX-2N	MAX-3N
Internal dimensions (LxWxH) mm	1000x100x155	1000x240x155
External dimensions (LxWxH) mm	1000x185x215	1000x325x215
Weight of duct and lid (set)	4,4 kg.	6,3 kg.
Material duct and lid	(recycled) PA Nylon / UV stable	
Fire retardant	DIN 53438 K1 or optional UL94V2	
Thermal properties	Durable from -30°C to +80°C	
Mechanical (steady and repeating load)	EN124-1:2015 (A15) (15kN)	
Mechanical impact (free fall load)	EN-62262-IK10	
Anti-skid (lid)	EN124-1:2015	
Halogen free	IEC 61249-2-21	
Chemical (according OSPAR & BASTA)	No toxic additives	
Recycling (no polluting additives)	Easy to classify, no uncertainty	
Environment /Greenhouse Gas protocol	Significant low CO2 emission	

Important and relevant practical properties:

- **Low weight** - maximum 6,3 kg (MAX-3N duct) (working conditions aspect)
- quick and simple construction
- **Very strong** - special honeycomb structure (lid and duct)
- double-walled duct
- **Top of lid positioned at ground level.**
- **No damage to cable sheath when pulling cables through the duct.**
- **Duct can be closed with a lid using an insert/click system (no nails or screws)**
- **Lid has an anti-slip surface (important during adverse weather conditions)**
- **Duct is sand and dirt-proof thanks to closed top.**
- **Lid does not have breakable hinges which can also get dirty easily.**
- **Duct and lid are resistant to heavy loads from above and interior pressure.**
- **Ducts are connected together using a dovetail connection (no separate fasteners)**
- **Expansion and shrinking is taken up by the available tolerances.**
- **Lid includes ventilation slots for air circulation purposes**
- **100% maintenance-free.**
- **UV resistant.**

Options:

- **Extra separating duct in MAX-3N for physically separating (high) voltage cable,**
- **Many corner elements available.**



Ant skid lid



Honeycomb structure duct



Dovetail connection



Honeycomb structure lid

