

New Helicaly corrugated steel pipes

HelCor[®] Bi Pipes

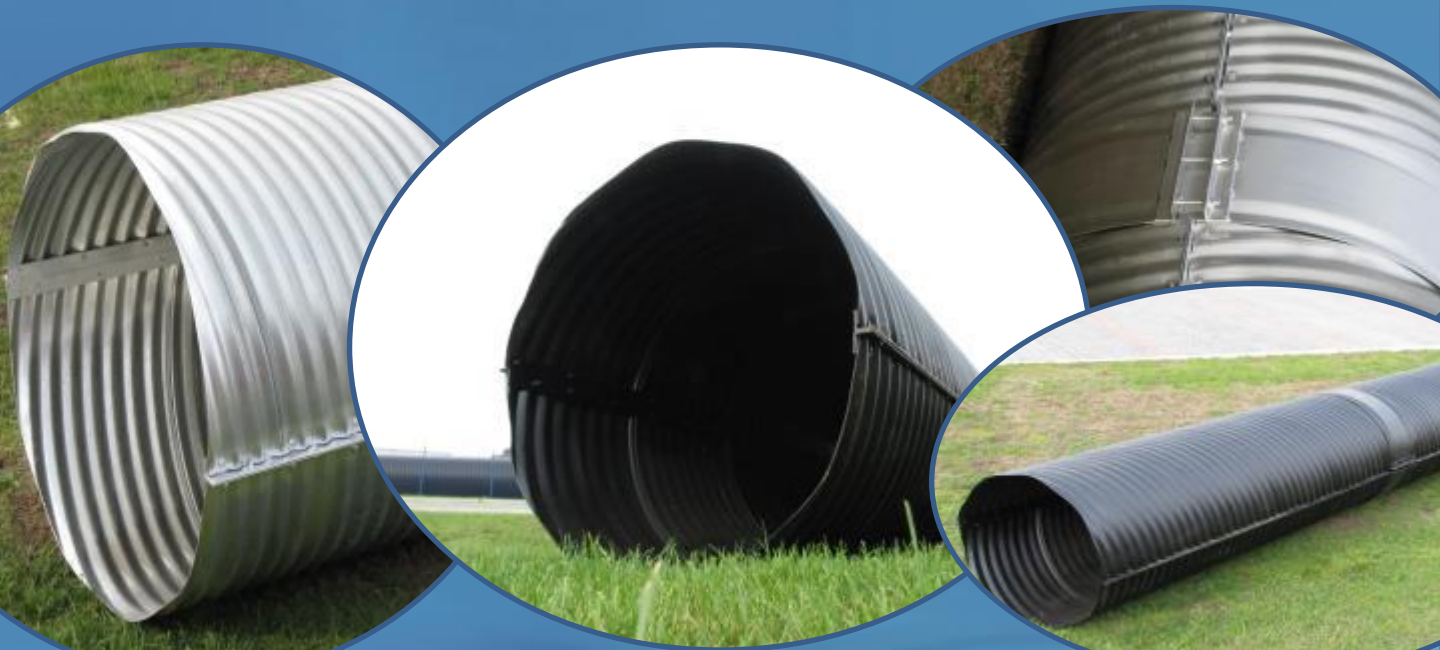
Flexible, cold formed helically corrugated steel pipes, produced like bifid pipes (half pipes), bolted together with L-shape steel elements and longitudinally connected with couplings, used in civil engineering as a steel-soil structures under road and railways loads.

Parameters

- produced diameters - Ø400mm - Ø1200mm
- recommended length - 6m
- two type of corrugation - D1 68x13mm and 125x26mm

Three types of corrosion protection

- 42µm zinc layer (600g/m²)
- 70µm zinc layer (1000g/m²)
- 42µm zinc layer (600g/m²) + 300µm polymer layer Trenchcoating[™] (TC) or W-Protect[™]





HelCor® Bi Pipes are produced according to CE No 1023-CPR-0447 F

Advantages

- HelCor® BI pipes is much more effective and cheaper in transportation than typical HelCor® pipes
- fast and easy assembly
- much shorter installation time than for concrete pipes
- much cheaper than traditional concrete culverts
- guarantee lifetime up to 100 years (TC)

HelCor® Bi Pipes transportation

Inner diameter	Culvert Im on truck
Ø1200	144
Ø1000	240
Ø800	360
Ø600	480
Ø400	720

Assumption:

- loading on standard truck L = 13,6m
- length of one culvert section = 6,0m
- quantities mentioned in table valid only for one diameter loading

In case of loading with various of diameters, Im quantity must be calculated separately.