



SOLENO

Mastering Storm Water



ARCH CULVERTS MADE OF POLYMER

An engineered structure over a water stream that allows crossing while ensuring the free flow of water and unrestricted movement of aquatic fauna. These polymer arches are mainly used in rural, forestry and mining sectors.

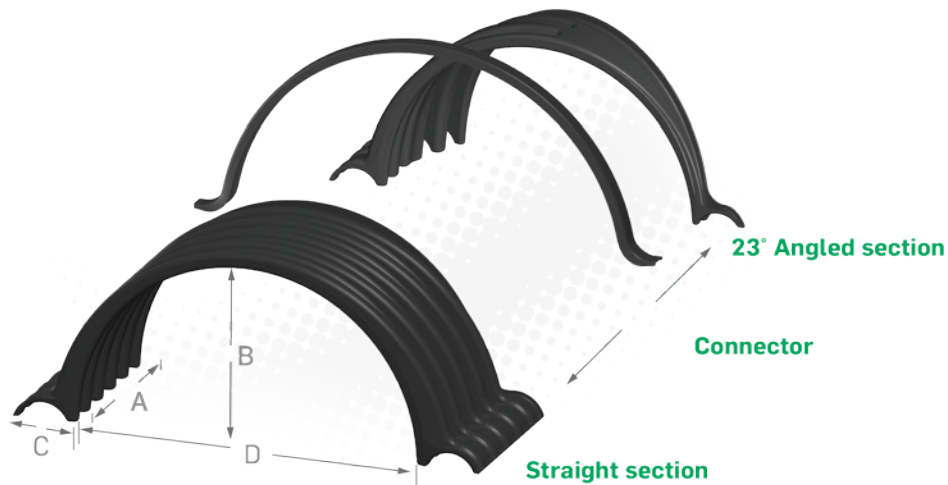
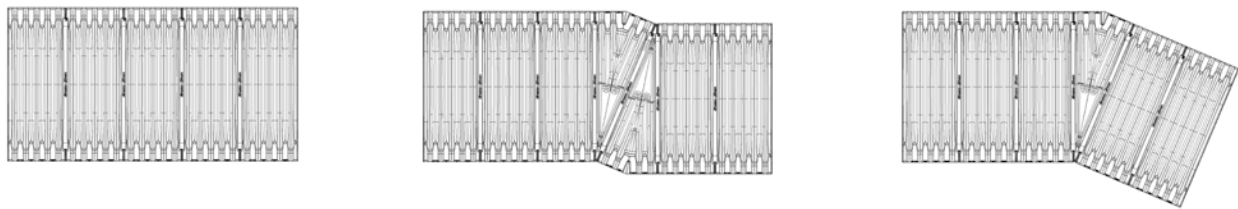
They allow crossing of the stream without affecting its banks and bed and without disturbing the flora and fauna of its ecosystem.

ENVIRO-SPAN[®]

MODULAR ARCH CULVERT PATENTED SYSTEM

- Suitable for use over fish-bearing and environmentally sensitive streams without disturbing the stream bed.
- Available in straight or angled sections allowing for the precise contour of the natural stream bed without additional disturbance.
- Produced from liquid molded resin (polymer) resulting in a durable and reusable non-metallic alternative to heavy steel culverts.
- Due to its lightweight material and innovative design, the bottomless culverts require less time, equipment, and manpower for environmentally-friendly installations, when compared to traditional stream and ditch crossing.
- Stackable for easy and economical transportation.
- The modular arch culvert can withstand an off-highway load of 69,000 lbs (31,298 kg) per axle load with tandem axle configuration overlain by 0,61 m (2 ft) of backfill.

POSSIBLE CONFIGURATIONS



DIMENSIONAL TABLE

Product Code	Description	Width (A)	Height (B)	Width (C)	Width (D)	Weight
ENSP-900742C	Straight section	1,070 mm (42 in)	1,120 mm (44 in)	305 mm (12 in)	2,150 mm (85 in)	141 lbs (64 kg)
ENSP-910723C	23° Angled section	1,130 mm (45 in)	1,120 mm (44 in)	305 mm (12 in)	2,150 mm (85 in)	95 lbs (43 kg)
ENSP-920742C	Connector	97 mm (3,8 in)	1,016 mm (40 in)	N/A	2438 mm (96 in)	10 lbs (4,5 kg)