

# TECHNICAL INFORMATION SHEET

GEOSOLUTIONS, Inc.

## Environmental Passive Integrated Chamber (EPIC Chamber™)

### DESCRIPTION:

Environmental Passive Integrated Chamber (EPIC Chamber™) is an injection molded, arched chamber. The chambers are used individually or in series to provide a non-clogging drainage system.

The chambers are part of a system that provides:

- Water drainage
- Subsurface irrigation
- Underground storage
- Filtration
- Gas collection



### PRODUCT & PACKAGING DATA

Dimensions:	1168.40 mm (46.00") Length 336.55 mm (13.25") Width 165.10 mm ( 6.50") Height
Color:	Black
Unit Weight:	2.50 kg (5.50 lbs)
Polymer:	Polypropylene
Connection Opening:	60.30 mm (2.38") (Nominal 50.00 mm (2.00") SCH40 Pipe)
Outside Apertures:	46 apertures (23 per side): 19.00 mm x 33.00 mm (0.75" x 1.30") 289.35 sq cm (44.85 sq in)
Offset Inside Apertures:	46 apertures (23 per side): 22.20 mm (0.88") diameter, 178.45 sq cm (27.66 sq in)
Open Bottom Area:	1155.70 mm x 260.40 mm (45.50" x 10.25"), 3008.90 sq cm (466.38 sq in)
Total Chamber Volume:	1.29 cu ft (9.67 gal)
Volume at Connection Invert:	0.80 cu ft (6.02 gal)
Distance to Connector Stop:	82.55 mm (3.25")
Side Wall Base Area:	224.20 sq cm (34.75 sq in) per side
Packaging:	33 chambers/pallet
Shipping Weight:	150.00 kg (330.00 lbs)/pallet

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