

## tender file

### **Herkules percolation shaft**

The Herkules percolation shaft 1600 litres (422.7 US gal.) can be used for infiltration and retention of rainwater or surface water. Easy installation due to little net weight – no need of gravel. The Herkules percolation shaft should be covered in a geotextile or membrane which in turn is laid directly on the ground. The half shells are connected with patented quick connections. Rounded edges avoid a rupture in the membrane covering.

Technical data:

- Dimensions (WxH): 1350 x 1600 mm (53.1" x 63")
- Weight: approx. 30 kg a half shell (66.1 lbs)
- Material: fibre-glass reinforced Polypropylene PP (100% recyclable)
- Volume: 1600 litres (422.7 US gal. net)
- Connections: DN 70, DN 100, DN 200 (2.8" pipe, 4" pipe, 8" pipe)

**Product: GRAF Herkules percolation shaft**

### **Accessory**

#### **GRAF-Tex geotextile**

Graf-Tex 200 geotextile (8ounce, non-woven geo-textile fabric) for Herkules percolation shaft, 100% polypropylene filter membrane, mechanically needle-punched to form continuous filament. Rot-proof material between soil and infiltration system prevents infiltration layers from silting up. Graf-Tex geotextile ensures long lifetime, consistent infiltration and high permeability.

Technical data:

- Dimensions: 5 x 4 m (196.9" x 157.5")
- Opening width: 100 µm
- Water permeability coefficient kv (s = 20 kPa) 1,0 x 10<sup>-3</sup> m/s
- Tensile strength (lengthwise + crosswise)/2: 15 KN/m
- Punch push-through force (x-s): 2,0 KN
- Weight: 200 g/m<sup>2</sup>
- Robustness class: 3

**Product: GRAF Tex 200**

### **Inspection / Deaeration end**

Inspection / Deaeration end for complete venting of the infiltration system DN 200 (8" pipe).

**Product: GRAF Inspection / Deaeration end**