

TerraDrain® C-58

TerraDrain® prefabricated chimney drains are constructed by fully wrapping a polymeric perforated core with a nonwoven filter fabric. The filter fabric is bonded to the core to prevent soil intrusion into the flow channels while allowing water to freely enter the drain core from both sides. TerraDrain® chimney drains are available in 12", 16", and 24" widths and provide a time saving, effective drainage solution for reducing hydrostatic pressure where full coverage is not required or is not feasible.

| Property | Test Method | English | Metric |
|------------------------------|---------------|--------------------------|-------------------------|
| FABRIC | | | |
| Material ¹ | | PP | PP |
| Water Flow Rate | ASTM D4491 | 90 gpm/ft ² | 3668 Lpm/m ² |
| Grab Tensile Strength | ASTM D4632 | 205 lbs | 0.912 kN |
| CBR Puncture Resistance | ASTM D6241 | 600 lbs | 2.66 kN |
| Apparent Opening Size | ASTM D4571 | 80 US Std. Sieve | 0.177 mm |
| Permittivity | ASTM D4491 | 1.3 sec ⁻¹ | 1.3 sec ⁻¹ |
| Grab Elongation | ASTM D4632 | 70 % | 70 % |
| UV Resistance | ASTM D4355 | 70 % @ 500 hrs | 70 % @ 500 hrs |
| AASHTO M 288-06 ³ | Survivability | Class 1 | Class 1 |
| CORE | | | |
| Material ¹ | | HIPS/PP | HIPS/PP |
| Thickness | ASTM D1777 | 0.25 in | 6.35 mm |
| Compressive Strength | ASTM D1621 | 9000 lbs/ft ² | 431 kPa |
| Flow Rate ² | ASTM D4716 | 12.5 gpm/ft | 155 Lpm/m |

1. PP = Polypropylene; HIPS = High Impact Polystyrene
2. AASHTO Designation: M 288-21 Standard Specification for Highway Applications; American Association of State Highway and Transportation Officials, 2021. Geotextile survivability classification from installation stresses in subsurface drainage applications.
3. In-plane flow rate measured at 3,600 psf (172 kPa) compressive load and a hydraulic gradient of 1.0.

DISCLAIMER: Descriptions regarding the products described herein are based solely upon information provided by the manufacturer and are provided for informational purposes only. **NOTHING CONTAINED HEREIN SHOULD BE CONSTRUED AS CREATING AN EXPRESSED OR IMPLIED WARRANTY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS, EACH OF WHICH IS HEREBY DISCLAIMED. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.** The final determination as to the suitability of any product of Hanes Geo Components in any particular application rests solely with the user. Hanes Geo Components reserves the right to alter or modify its products and descriptions at any time without notice.