



# GP® VOID VENT

GP® VOID VENT is a cusped HDPE core with a geotextile filter/separator bonded to a single side, in either 25 mm or 45 mm depth. The intended use of the void vent is to provide a means of ventilation when used in conjunction with an approved gas protection barrier, in accordance with the recommendation(s) contained within NHBC guidance and BS8485:2015 + A1 2019.

## TITANTECH®

For developers of brownfield and contaminated sites the TITANTECH® family of products represent a major step forward in safeguarding projects against gaseous and chemical contamination.

Optimised for maximum strength and performance, providing high levels of air/gas flow. Complies with the latest codes of practice as published by BRE, CIRIA and NHBC. Void Vent is independently tested and verified by UKAS accredited bodies.

### Handling

Roll weights can be between 50 kg and 100 kg hence appropriate equipment is required for unloading and handling.

### Storage

GP® VOID VENT is supplied in packaging designed to protect the product from damage during handling and storage, and degradation as a result of UV exposure. GP® VOID VENT should be kept in the supplied packaging until such time as it is required for installation.

#### GP® VOID VENT 25 mm

<b>Thickness</b>	27 mm
<b>Width</b>	0.9 m
<b>Length</b>	50 m
<b>Weight</b>	60 kg

#### GP® VOID VENT 40 mm

<b>Thickness</b>	42 mm
<b>Width</b>	0.97 m
<b>Length</b>	25 m
<b>Weight</b>	50 kg





Feature	Characteristics	Test Method	GP® VOID VENT 25 mm	GP® VOID VENT 40 mm
<b>Physical Properties</b>	Thickness	EN ISO 9863-1	27 mm	42 mm
<b>Mechanical Properties</b>	CBR Puncture Resistance	EN ISO 12236	1.4 (-0.14) kN	1.4 (-0.14) kN
	Tensile Strength (MD/CMD)	EN ISO 10319	20/15 (-2.0/-1.5) kN/m	10/10 (-1.0/-1.0) kN/m
	Compressive Strength	EN ISO 25619-2	300 kPa	200 kPa
<b>Hydraulic Properties</b>	Pore Size (O <sub>90</sub> ) [geotextile]	EN ISO 12956	80 (± 20) µm	80 (± 20) µm
	Permeability (H <sub>50</sub> ) [geotextile]	EN ISO 11058	100 (-20) l/m <sup>2</sup> /s	100 (-20) l/m <sup>2</sup> /s
	Water Flow Capacity [Composite] (200 kPa, (j)=1)	EN ISO 12958	5 l/m/s	>5 l/m/s
	Gas Flow Capacity [Composite]	Calculated (a)	0.024 m <sup>3</sup> /s	0.033 m <sup>3</sup> /s
<b>Material Dimensions</b>	Roll Width	N/A	0.9 m	0.97 m
	Roll Length	N/A	50 m	25 m
	Gross Roll Weight	N/A	60 kg	50 kg
<b>Product Information</b>	Polymer	High Density Polyethylene		
	Biological Resistance	HDPE does not support bacterial growth		
	Chemical Resistance	HDPE is highly resistant to acids and alkalis		

(a) Gas flow calculated based on a discharge coefficient of 0.61 with a pressure difference of 10kPa and a standard air density of 1.29 kg/m<sup>3</sup>

## JUTA UK

Please contact JUTA UK Directly for more information on GP® VOID VENT

## Installation

Refer to specific GP® Void Vent installation guidance. Detailed assistance is available from JUTA UK.

## Accessory Products

- GP® Vent Box (Ground level)
- GP® Air Bricks