

# Vasalta



## GEOTEXTILES



*VGT Series™ 200ST and 315ST Woven geotextiles are a high-performance line of geotextile used for reducing rutting and extending the life of paved and unpaved roadways. Our geotextile is compliant with AASHTO/NTPEP standards and meet the requirements set forth by Alberta Transportation's Standard Specifications for Highway Construction.*

For more information:  
[www.vasalta.ca](http://www.vasalta.ca)

## VGT 200ST Woven

### Product Specifications

VGT-200ST is a woven polypropylene geotextile that meets the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. Applications include construction of roads and parking lots, embankments over soft soils, steepened slopes, and retaining walls. VGT-200ST is resistant to ultraviolet degradation and to biological and chemical matter found in soils. VGT-200ST conforms to the property values listed below as well as meets the requirements set forth by AASHTO M-288/NTPEP (Geotextile Specification for Highway Application) and the requirements of Alberta Transportation Standard Specifications for Highway Construction. This data sheet for VGT-200ST is provided for comparison purposes only.



Property	Test Method	English	Metric
<b>Tensile Strength</b>	ASTM D-4632	200 lbs.	890 N
<b>Elongation @ Break</b>	ASTM D-4632	15%	15%
<b>CBR Puncture</b>	ASTM D-6241	786 lbs.	3115 N
<b>Trapezoidal Tear</b>	ASTM D-4533	103 lbs.	333.8 N
<b>Apparent Opening Size</b>	ASTM D-4751	40 US Sieve	.425 mm
<b>Permittivity</b>	ASTM D-4491	0.05 Sec -1	0.05 Sec -1
<b>Water Flow Rate</b>	ASTM D-4491	4 g/min/sf	163 l/mm/sm
<b>UV Resistance @ 500 hours</b>	ASTM D-4355	70%	70%

Disclaimer: The information provided by Vasalta is believed to be correct and is based on information supplied by the manufacturers of the product offered. Any recommendations made by Vasalta regarding uses or applications of our products are also believed to be reliable; however, as Vasalta has no control over design execution, and field conditions of the project which incorporate the product. Vasalta disclaims all expressed and implied warranties, including, without limitation, the warranties of merchantability and/or fitness for a particular purpose.

## VGT 315ST Woven

### Product Specifications

VGT-315ST is a woven polypropylene geotextile that meets the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. Applications include construction of roads and parking lots, embankments over soft soils, steepened slopes, and retaining walls. VGT- 315ST is resistant to ultraviolet degradation and to biological and chemical matter found in soils. VGT-315ST conforms to the property values listed below as well as meets the requirements set forth by AASHTO M-288/NTPEP (Geotextile Specification for Highway Application) and the requirements of Alberta Transportation Standard Specifications for Highway Construction. This data sheet for VGT-315ST is provided for comparison purposes only.



Property	Test Method	English	Metric
<b>Tensile Strength</b>	ASTM D-4632	315 lbs.	1401.2 N
<b>Elongation @ Break</b>	ASTM D-4632	15%	15%
<b>CBR Puncture</b>	ASTM D-6241	900 lbs.	4003.4 N
<b>Trapezoidal Tear</b>	ASTM D-4533	113 lbs.	502.7 N
<b>Apparent Opening Size</b>	ASTM D-4751	40 US Std. Sieve	70%
<b>Permittivity</b>	ASTM D-4491	0.05 sec -1	0.05%
<b>Water Flow Rate</b>	ASTM D-4491	4 gpm/ft2	163.2 lpm/m1
<b>UV Resistance @ 500 hours</b>	ASTM D-4355	70%	70%

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