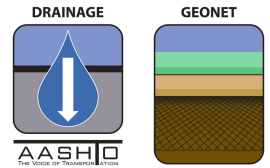
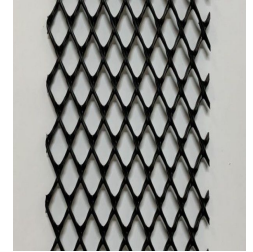




# US 300GN Geonet



A 275 mil HDPE Geonet. Transnet three-dimensional, bi-planer geonets are manufactured from high-density polyethylene (HDPE) resin formulated with 2.0 % carbon black.



PROPERTY	TEST METHOD	ENGLISH	METRIC
Thickness <sup>(3)</sup>	<u>ASTM D-5199</u>	275 mils	6.985 mm
Tensile Strength <sup>(3)</sup>	<u>ASTM D-7179</u>	65 lbs/in	11.37 N/mm
Transmissivity <sup>(1,3)</sup>	<u>ASTM D-4716</u>	29 g/min/f <sup>2</sup>	6.0 x 10 <sup>-3</sup> m <sup>2</sup> /sec
Carbon Black <sup>(3)</sup>	<u>ASTM D-4218</u>	2 %	2 %
Density <sup>(3)</sup>	<u>ASTM D-1505</u>	0.94 g/cm <sup>3</sup>	0.94 g/cm <sup>3</sup>
Melt Flow <sup>(2)</sup>	<u>ASTM D-1238</u>	1 g/10 min (max)	1 g/10 min (max)

<sup>(1)</sup> Transmissivity measured using water at 21 ± 2 ° C (70 ± 4) ° C with a gradient of 0.1 and a confining pressure of 10,000 psf between steel plates after 15 minutes. Values may vary with individual labs.

<sup>(2)</sup> Condition 190/2.16.

<sup>(3)</sup> Minimum average value.

## US 300GN Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
14.5' x 200'	33"	14.5'	860 lbs	2,900 f <sup>2</sup>	27

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