



Protect Environment Go United

UNITED GEOSYNTHETICS (ASIA) CO., LTD.

UTD Geonet

Technical Data Sheet

Tested Property	Test Method	Frequency	Minimum Average Roll Value			
			UTN	UTN HF	UTN HS	UTN UF
Transmissivity ⁽¹⁾ ,gal/min/ft (m ² /sec)	ASTM D 4716	1/160,000 m ²	9.66 (2x10 ⁻³)	14.49 (3x10 ⁻³)	28.98 (6x10 ⁻³)	38.64 (8x10 ⁻³)
Density, g/cm ³	ASTM D 1505	1/15,000 m ²	0.94	0.94	0.94	0.94
Tensile Strength (MD), lb/in	ASTM D 5035/7179	1/15,000 m ²	45	55	65	75
Carbon Black Content, %	ASTM D 1603 /4218	1/15,000 m ²	2.0	2.0	2.0	2.0
NOMINAL ROLL DIMENSIONS						
Geonet Thickness, mil	ASTM D 5199	1/15,000 m ²	200	250	275	300
Roll Width, m			2.0 - 4.6	2.0 - 4.6	2.0 - 4.6	2.0 - 4.6
Roll Length, m			60	60	60	60
Roll Area, m ²			120 - 276	120 - 276	120 - 276	120 - 276

NOTES:

- (1) Gradient of 0.1, normal load of 10.000 psf, water at 70°F, between steel plates for 15 minutes.
Contact UTD for performance transmissivity value for use in design.

UNITED GEOSYNTHETICS (ASIA) CO., LTD.

16E, Neich Tower, 128 Gloucester Road, Wanchai, Hong Kong

E-Mail : unitedgeo.t@gmail.com

