

TERRA 4 oz

Non-Woven Needle-Punched Geotextile

Light-duty separation, filtration, and drainage layer for landscape and light civil work.

TERRA 4 oz is manufactured from premium polypropylene staple fibers that are mechanically bonded through a needle-punching process, then thermally bonded and calendered on both sides. The result is a robust, flexible, and dimensionally stable fabric with optimal pore sizes, high permeability, and strong resistance to the chemicals and biological degradation commonly found in soils.

PERFORMANCE HIGHLIGHTS

High water flow

Open pore structure moves water fast for drainage and filtration layers.

Controlled filtration

0.20 mm apparent opening size retains fines while letting water pass.

Dimensionally stable

Needle-punched and thermally bonded so the fabric holds its shape in the ground.

Chemically inert

Polypropylene fibers resist soil chemicals and biological degradation.

TECHNICAL DATA

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Mass per Unit Area	ASTM D5261	oz/yd ²	4.0
Thickness	ASTM D5199	mm	1.0
Grab Tensile Strength	ASTM D4632	lbs	MD 100 CD 100
Grab Elongation	ASTM D4632	%	MD > 50 CD > 50
Trapezoid Tear Strength	ASTM D4533	lbs	MD 45 CD 45
CBR Puncture Resistance	ASTM D6241	lbs	300
Apparent Opening Size (AOS)	ASTM D4751	mm	0.20
Water Flow Rate	ASTM D4491	l/min/m ²	4,800

APPLICATIONS

Drainage & French drains

Soil separation

Filtration behind walls

Garden beds & edging

Erosion control

Under rock & mulch

PRODUCT DETAILS

Color

Black

Surface finish

Calendered, both sides

Roll sizes

Multiple widths and lengths, see thedotday.com

TERRA FAMILY

TERRA 4 oz · Light duty

TERRA 6 oz · Mid weight

TERRA 8 oz · Heavy duty

The technical data provided is based on average values from production runs and independent testing and is offered as general guidance, not as a limited warranty or minimum average roll value (MARV). Individual test results may vary within a tolerance of plus or minus 15 percent. Confirm suitability for your specific application before installation.

Contractor and bulk pricing available. Request a quote at thedotday.com or email rakshit@thedotday.com