



SINCE
1950

UNTEX DN

Eco-friendly mulching fabric



Characteristic: Mechanically needled nonwoven fabric made from recycled natural fibers.
The product is made from recycled materials and is further recyclable.
The product is neither chemically nor thermally bonded.

Material composition: Kenaf 40 % , Viskóza 20 % , Vlna 40 %

Color: brown/natural

Properties:



Use: Water retention, air permeability, and mulching promote healthy root development. The biodegradability of natural fibers gradually releases nutrients to plants. Suitable for gardens, orchards, lawns, urban green spaces, planters, containers, and green roofs.



MADE FROM
RECYCLED
MATERIALS



EASY AND FAST
INSTALLATION



BALANCED
RETENTION AND
VEGETATION
PROPERTIES



RESISTANCE
TO
MECHANICAL
DAMAGE



WITHOUT
DANGEROUS
CHEMICALS
AND SOLVENTS



BIODEGRADABILITY

Material specifications

Date: 27.1. 2026



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Technical parameters

UNTEX DN			300	
PHYSICAL PROPERTIES				
Weight / EN ISO 9864		g/m ²	300	
Thickness 0,5 kPa / EN ISO 9863-1		mm	3,4	
MECHANICAL PROPERTIES				
Tensile strength (min.) / ČSN EN 10319	↑ →	kN/m	0,61 0,66	
Elongation [±20 %] /EN ISO 10319	↑ →	%	35 45	
Static tear - CBR test / EN ISO 12236			0,16	
Dynamic puncture test (max.) / EN ISO 13433		mm	22	
PACKAGING, STORAGE, AND DISPOSAL				
Maximum roll width		m	4	
Roll length		m	50	
Packaging	Rolls are packet in PE foil, and according to the requirements can be wind up on paper tubes			
Storage	In covered and dry areas			

The data were measured in the laboratories of RETEX a.s., VUT Brno, and TZÚ Brno in 2025 and are for informational purposes only.
IMPORTANT:

- Pre-cultivation and hydro-accumulation mat.
- The product can also be used as a planting base in gardens, orchards, or for brownfield revitalization.
- In countries with irregular precipitation, it helps with soil recultivation.
- It can be used as a substrate for growing hydroponic and aeroponic plants.
- The product is not intended for growing food, fruits, or vegetables.