



## UNTEX N

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 50 % , Viskóza 30 % , Vlna 20 %

**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 N		300	
PHYSICAL PROPERTIES			
Weight / EN ISO 9864	g/m <sup>2</sup>	300	
Thickness 0,5 kPa / EN ISO 9863-1	mm	3,2	
MECHANICAL PROPERTIES			
Tensile strength (min.) / ČSN EN 10319	↑ → kN/m	0,69 0,62	
Elongation [±20 %] /EN ISO 10319	↑ → %	45 40	
Static tear - CBR test / EN ISO 12236		0,15	
Dynamic puncture test (max.) / EN ISO 13433	mm	40	
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.