



SINCE  
**1950**

## UNTEX CN

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 60 % , Viskóza 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



EASY WAY  
TO GREEN  
ROOF

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Eco-friendly mulching fabric

### Technical parameters

UNTEX CN		300	600	1000
<b>PHYSICAL PROPERTIES</b>				
Weight / EN ISO 9864	g/m <sup>2</sup>	300	600	1000
Thickness 0,5 kPa / EN ISO 9863-1	mm	3,5	5,5	7
<b>MECHANICAL PROPERTIES</b>				
Tensile strength (min.) / ČSN EN 10319	↑ >	kN/m	0,91	1,34
			1,14	1,91
Elongation [±20 %] / EN ISO 10319	↑ >	%	57,7	43,1
			52,3	40,3
Static tear - CBR test / EN ISO 12236			0,21	0,36
Dynamic puncture test (max.) / EN ISO 13433		mm	40	18
<b>PACKAGING, STORAGE, AND DISPOSAL</b>				
Maximum roll width	m	4	4	4
Roll length	m	50	25	25
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.