

## Anti-root Non-woven PET Composite Copper Foil

### Description

Non-woven PET composite copper foil is made from metal copper foil composited with filament non-woven PET. The composite has excellent resistance to plant roots and adhesivity with waterproof membranes such as SBS or PE, etc. It has strong mechanical properties, tensile strength, and long life service.

### Features

- ◆ Excellent anti-root and dimensionally stability.
- ◆ Durable, lay-flat, strong tensile strength
- ◆ High tear strength, chemically inert, Eco-friendly.
- ◆ Good adhesion properties with SBS or other waterproof layers

### Uses

- ◆ Carcass for anti root waterproof materials.
- ◆ Roof gardens, planting roofs, underground backfilled structures of residential and commercial buildings
- ◆ Parking lots, retaining walls, plant boxes



### Specification: GB/T18840-2002

No	Unit area weight, g/m <sup>2</sup>		220	260	280
1	Length, m		1000	900	800
2	Copper foil thickness, mm ≥		0.018	0.018	0.018
3	Non woven PET, g/ m <sup>2</sup>		100	100	100
4	Thickness, mm≥		1.3-1.4	1.4-1.5	1.5-1.6
5	Tensile strength N/5cm ≥	MD	650	800	900
		CD	600	800	850
6	Elongation at break %	MD	35	40	40
		CD	35	40	40
7	Tear strength, N	MD	400	500	600
		CD	400	500	600
8	Width, mm		1020		
9	Moisture content, % ≤		1.5		
10	CV value, % ≤		8.0		
11	Shrinkage at 20℃, % ≤		1.5		
12	Bending resistance, R35mm		No break, no kink mark		
13	Appearance		Smooth, no phozy, no kink mark		

### Packing and storage

1 roll in one pallet.

Store away from sources of punctures and physical damage. Keep dry and store away from ignition sources and open flame.

Shelf Life: Unlimited