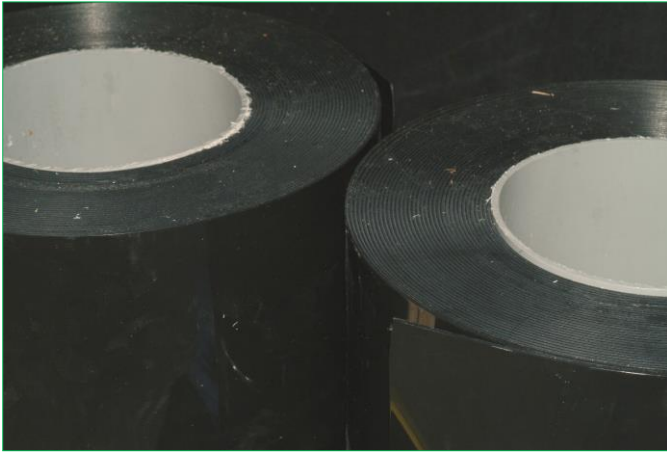


Rootblock (art. n° 43431, 43432, 43645, 34646)



Composition
Dimensions:

: recycled HDPE

- | | |
|---------|------------------------------------|
| ▪ 43431 | : Rootblock 1.5 mm x 60 cm x 25 m |
| ▪ 43432 | : Rootblock 1.5 mm x 60 cm x 100 m |
| ▪ 43645 | : Rootblock 1.0 mm x 60 cm x 25 m |
| ▪ 43646 | : Rootblock 1.0 mm x 60 cm x 100 m |

Characteristic

Mechanical characteristic at a T° of 23°C:

	DIN	Unit	
▪ E-modulus	53457	N/mm ²	900
▪ Strenght (pull)	53455	N/mm ²	23
▪ Elongation at rupture	53455	%	400
▪ Impact strength (Charpy unnotched)	53453	kJ/m ²	No break
▪ Friction coefficient vs. steel (dry)	-	-	0,15
▪ Hardness	53505	shore D	63
▪ Density	53479	kg/m ³	960
▪ Moisture absorption	53495	%	< 0,03
▪ Fire test	4102	-	B2

Thermal characteristic

▪ Softening temperature, vicat A/50 (10N)	53460	°C	130
▪ Min./max. service temperature		°C	-20 tot 70
▪ Linear expansion	53752	mm/m/10°C	1,8
▪ Coefficient of heat conductivity	52612	W/m.K	0,4

Electrical characteristic

▪ Breakdown voltage	53481	kV/mm	> 60
▪ Volume resistance	53482	Ohm	> 10 ¹³
▪ Dielectric constant value	53483	-	2,4

Other characteristic

- HDPE : longevity
- Resistant to UV
- Flexible
- Easy to work with
- Impenetrable for roots or bamboos.
- Resistant to pollution and micro-organisms

Usage

- For protection of ponds, cables, tubes, ducts, terraces, walls and plants.

Application

- Dig a slot of 58 cm of depth. Place the Rootblock vertically in the slot and push the Rootblock about 15° away from the vertical line (away from the aggressive plant). 2 cm of the Rootblock will remain above the ground. If different pieces need to be connected, we advice to fold the two parts and conjoin them with bold and nut. By doing this, we are avoiding the roots or rhizomes to pass through the two pieces of Rootblock.

General Information

- Packaging : Seperate roles of different lengths (see above)
- Chemical and physical resistance : De chemical and physical resistance to acids, leach and salt solutions is very good.