



fensonet®

TECHNICAL DATA SHEET FENSONET OPAQUE sight screen nets

Product composition:

HDPE (High density polyethylene)
Anti UV treatment

Production process:

Woven cloth from triple woven HDPE tape (1600 Denier) with extra high tensile strength
Equipped with hem and Aluminium eyelets Ø 12 mm every 30 cm on the long side at the top and bottom, and at the beginning and end of the roll.
Cutting to length can be done using a heat knife to prevent fraying.

Density:

200 g/m²

Opacity:

100%

Wind permeability:

none

Water permeability:

none

Melting temperature:

80 ° C

Colours available

Black RAL 9011
Green RAL 6028

Available heights:

150 cm / 180 cm / 200 cm

Available lengths:

50 m + custom trimmed to exact length

Mechanical Properties:

UV Stability		Kly	500
Tensile Strength ↔	ISO 1421-1	N/5cm	1523
Tensile Strength ↑↑	ISO 1421-1	N/5cm	1412
Elongation at break	DIN 53455	%	23 / 21
Temperature resistance		°C	-40 / +80
Density	DIN 53479	g/m ²	200

Installation instructions:

Woven cloths with eyelets cannot be placed with fencing staples and should be placed with long tie-wraps or binding wire and with additional tension wire !

1. Secure the beginning of the sightcreen net with long tie-wraps 25cm or binding wire through the eyelets on the first post of your fence. Alternatively, the net can be attached to the post using an aluminium lath by turning the lath a few turns in the fabric and securing it to the post with self-drilling screws.
2. Tighten the fabric to the last post and attach the fabric to the end post in similar way as in point 1.
3. Tension the fabric at the top and attach ring by ring to the top tube of your fence with long buckles or binding wire. For chainlink fence without a top tube, weave a tensioning wire through the upper row of eyelets and tension it at the end posts with a tensioner.
On panel fences, fastening can be done with buckles on the superior wire.
4. For chainlink fences weave a tensioning wire through the bottom row of eyelets and tension it at the beginning and end posts with a cable tensioner.
On panel fences, fastening can be done with tie-wraps on the lower wire.
5. For wind-sensitive areas, one or two additional tension wires should be tensioned in front of the net at the same height as the existing tension wires in the chainlink fence.
Fix the net with tie-wraps or binding wire across the fabric to the tensioning wire. When piercing the cloth, always take at least 1 cm of fabric with you to prevent tearing.
Tip: lightly pierce the fabric with a hot soldering iron to prevent fraying.
6. Additionally, the fabric and the tension wire can be fastened with long tie-wraps around the intermediate posts. When piercing the fabric, always include at least 1 cm of fabric to prevent tearing.

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