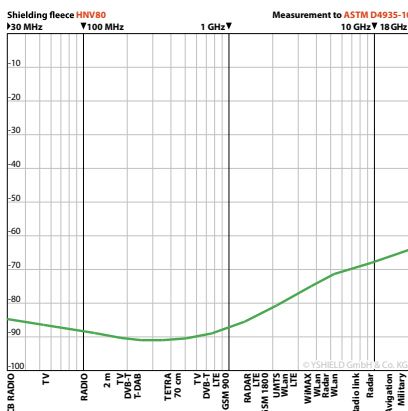
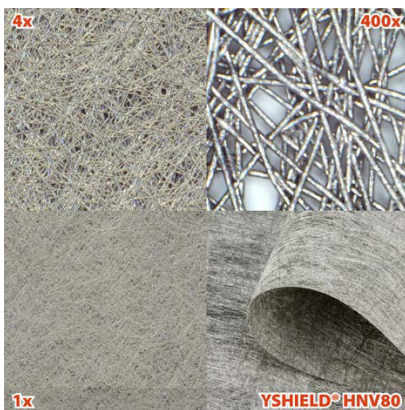


HNV80 - Nylon fleece (HF+LF)



Characteristics

HNV80 is a fine, **metallized nylon fleece** for the shielding of high-frequency radiation (HF) and low-frequency electric fields (LF).

This professional product is typically used for ministries of defence, banking houses, laboratories, etc. Now available for private use!

Application

Interior preferable **loosely laid** or for stapling in **drywall constructions**, etc.

Technical data

- **Width: 100 cm**
- **Length: By the meter / 20 m roll**
- **Attenuation: 87 dB**, two-layer 127 dB
- Weight: 85 g/m²
- Material thickness: 0.15 mm
- Color: Anthracite / Brown
- Tensile strength: Very good in both directions, 50 N/mm
- Materials: Nylon, copper, nickel, protection coating
- Surface conductivity: 0.008 ohm (square resistance R_□)

Processing

Because of formation of wrinkles, bonding on walls with a glue is not recommended, use better HNG80 or HNG100 instead! Best usage for HNV80 is loosely laid under floor coverings, behind wall systems, etc. further for stapling in drywall constructions. Overlapp the single elements, whereby you connect the elements for grounding.

Grounding

Due to the highly conductive surface this material can be **contacted and grounded easily to shield low frequency (LF) electric fields**.

Screening attenuation

The screening attenuation is **regularly tested in our own EMC laboratory**. We have measurement setups due to the following standards: **ASTM D4935-10, IEEE Std 299-2006, IEEE Std 1128-1998, ASTM A698/A698M-07**. Please find the test report at our homepage directly on the product page.

Product recommendation

HNV80 is also available as **self-adhesive version EB3**, with an electrically conductive glue in a width of 10 cm ... please see "Grounding accessories".