

Filzfabrik

Gustav Neumann GmbH Braunschweig



Swatch Collection Card

- Benefits
- Wool Felt
- Needle Felt
- Various Textiles
- About Us

www.filz-neumann.de

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Benefits



ISO 14001 | IATF 16949

From small runs to mass production

Industry-specific material testing

www.filz-neumann.de



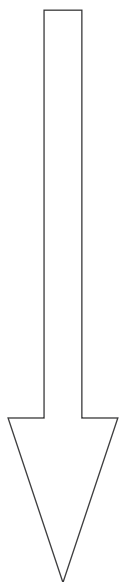
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Digital in Touch

Felt is a textile that needs to be rubbed, pulled, smelled – in short: felt. Of course, digitally this is not possible. This digital swatch card is here to give you an overview of our product line; showcasing the various qualities we offer and how versatile felt can be. On request, we can also supply all materials with a self-adhesive backing. If you are interested, we will gladly send you a physical swatch card or material samples.

LOW DENSITY



HIGH DENSITY

$$\text{Spec. Weight [g/cm}^3\text{]} = \frac{\text{Mass [g]}}{\text{Thickness [mm]} \times \text{Length [m]} \times \text{Width [m]}}$$

W3 - density 0.12 g/cm³

W5 - density 0.16 g/cm³

M2 - density 0.20 g/cm³

M4 - density 0.25 g/cm³

M6 - density 0.30 g/cm³

F2 - density 0.36 g/cm³

F3 - density 0.40 g/cm³

F4 - density 0.44 g/cm³

H1 - density 0.52 g/cm³

H2 - density 0.56 g/cm³

H5 - density 0.60 g/cm³

H5 - density 0.68 g/cm³

Strength samples / Extract of common strengths according to DIN 61200

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Wool Felt

Soft Felt

Neu-Filz 125, 130, 142, 285

Standard Felt

Neu-Filz 219

Firm Felt

Neu-Filz 205

Hard Felt

Neu-Filz 1004, 2002

Colored Felt

Neu-Filz 240, 303/300



Wool Felt

Our wool felts consist of almost 100 % natural fibers and is traditionally felted using, moisture, heat, pressure, and movement.

This creates the dense, durable **NEUFILZ®**, which retains its natural properties.

With varying thicknesses and densities, **NEUFILZ®** can be adapted in many ways – perfect for technical applications.

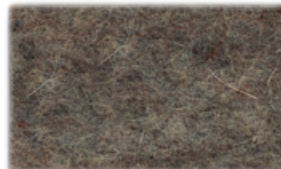
Felt – naturally good!



Neu-Filz 130 white
density 0.16 g/cm³
thickness 1-10 mm



Neu-Filz 285 white
density 0.18-0.20 g/cm³
thickness 1-10 mm



Neu-Filz 142 mottled
density 0.16 g/cm³
thickness 1-10 mm



Neu-Filz 219 mottled
density 0.25-0.40 g/cm³
thickness 1-30 mm



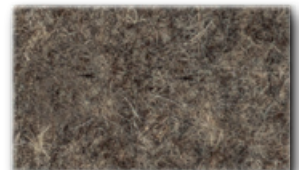
Neu-Filz 125 white
density 0.20 g/cm³
thickness 5-20 mm



Neu-Filz 219 white
density 0.25-0.40 g/cm³
thickness 1-30 mm



Neu-Filz 285 mottled
density 0.18-0.20 g/cm³
thickness 1-10 mm



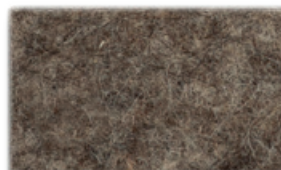
Neu-Filz 205 mottled
density 0.41-0.49 g/cm³
thickness 1-30 mm



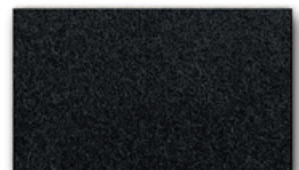
Neu-Filz 205 white
density 0.41-0.49 g/cm³
thickness 1-10 mm



Neu-Filz 1004 white/2002 mottled
density 0.50-0.68 g/cm³
thickness 5-30 mm



Neu-Filz 125 mottled
density 0.20 g/cm³
thickness 4-20 mm



Neu-Filz black
density 0.22-0.44 g/cm³
thickness 1-10 mm

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Wool Felt

Our colored wool felt is made from almost 100 % wool and stand out through their natural quality and vibrant colors.

In the traditional fulling process, dense and durable design felts are created that are not only functional but also visually versatile.

Colored Felt.



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Needle-Felt

Standard Felt

PES Needle-Punched Felt

Balanced Felt

Neu-Filz 1219, 1142, 5002,
163 Hair Felt

Heated Felt

Meta-Aramid and
OPAN Needle-Punched Felt

Special Felt

Needle-Punched Felt with fabric,
FR, FDA, or Bico fibers

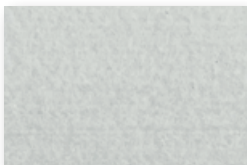
www.filz-neumann.de

Needle-Felt

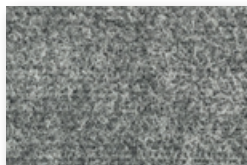
Our needle-punched felts are produced through a mechanical process in which fibers are felted with needles. Depending on the fibers used – whether wool, synthetics, or blends – the properties can be specifically controlled.

The stated thickness and weight ranges indicate typical production variants. Since both values are interdependent, not every combination is possible.

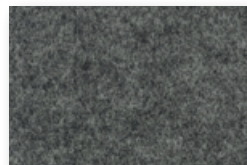
If your desired variant is missing, please contact us – our production is continuously evolving and usually offers a suitable solution.



1302 PES-Nadelfilz weiß
1-25 mm, 150-6.000 g/m²



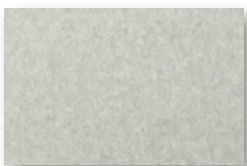
1502 PES-Nadelfilz meliert
1-25 mm, 150-6.000 g/m²



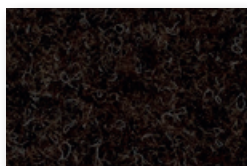
1602 PES-Nadelfilz anthrazit
1-25 mm, 150-6.000 g/m²



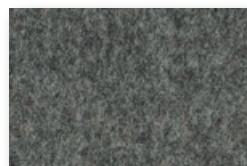
1702 PES-Nadelfilz schwarz
1-25 mm, 150-6.000 g/m²



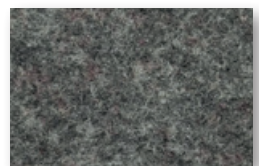
Neu-Filz 1219 weiß/meliert
2-20 mm, 150-4.000 g/m²



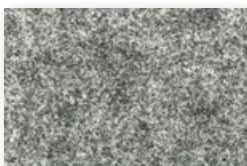
Neu-Filz 163 Haarfilz
3-30 mm, 300-8.000 g/m²



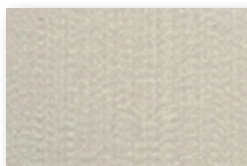
Neu-Filz 1142 meliert
3-10 mm, 300-2.000 g/m²



Neu-Filz 5002 meliert
3-30 mm, 500-8.000 g/m²



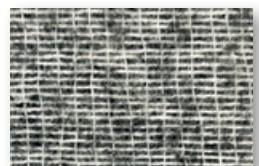
PP-Nadelfilz/PP-Nadelfilz soft
3-4 mm, ca. 500 g/m²



Meta-Aramid Nadelfilz
2-20 mm, 150-4.000 g/m²



OPAN Nadelfilz
2-20 mm, 150-3.000 g/m²



Para-Aramid + OPAN
Nadelfilz mit Meta-Aramid
Gewebe

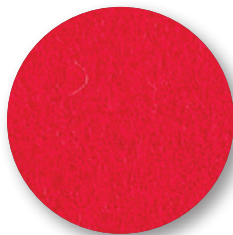
Various Textiles

In addition to our proven range of high-quality felt grades, we offer a wide variety of other materials and special products that we provide on a project-specific basis.

This overview presents a selection of additional variants that enable us to flexibly meet individual requirements.



Blended fibre felt
(also aluminum-coated)



Kasimir



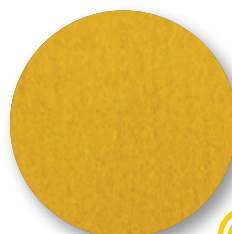
Alcantara



Synthetic leather
(various colours)



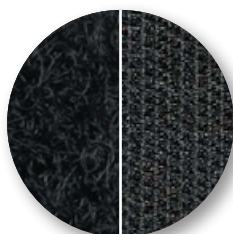
Cork



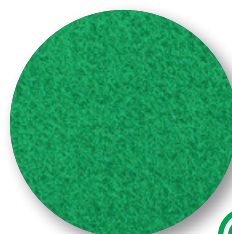
Neu-Filz 125
(various colours)



Neoprene



Loop tape/hook tape



Neu-Filz 500 / 700

Shaping the Future since 1874

We are a medium-sized company with our own production facilities in Germany and have specialized for more than 150 years in premium wool felts, needle-punched felts, and technical textiles.

Our products are used worldwide in a broad range of industries – from the automotive sector to protective clothing.

Whether damping, sealing, filtering, or polishing – we deliver tailor-made solutions, including material combinations and special designs.

Please feel free to contact us.

Our customer base includes more than 7,000 satisfied partners – among them numerous renowned companies from a wide variety of industries.



Felt, naturally good!

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