



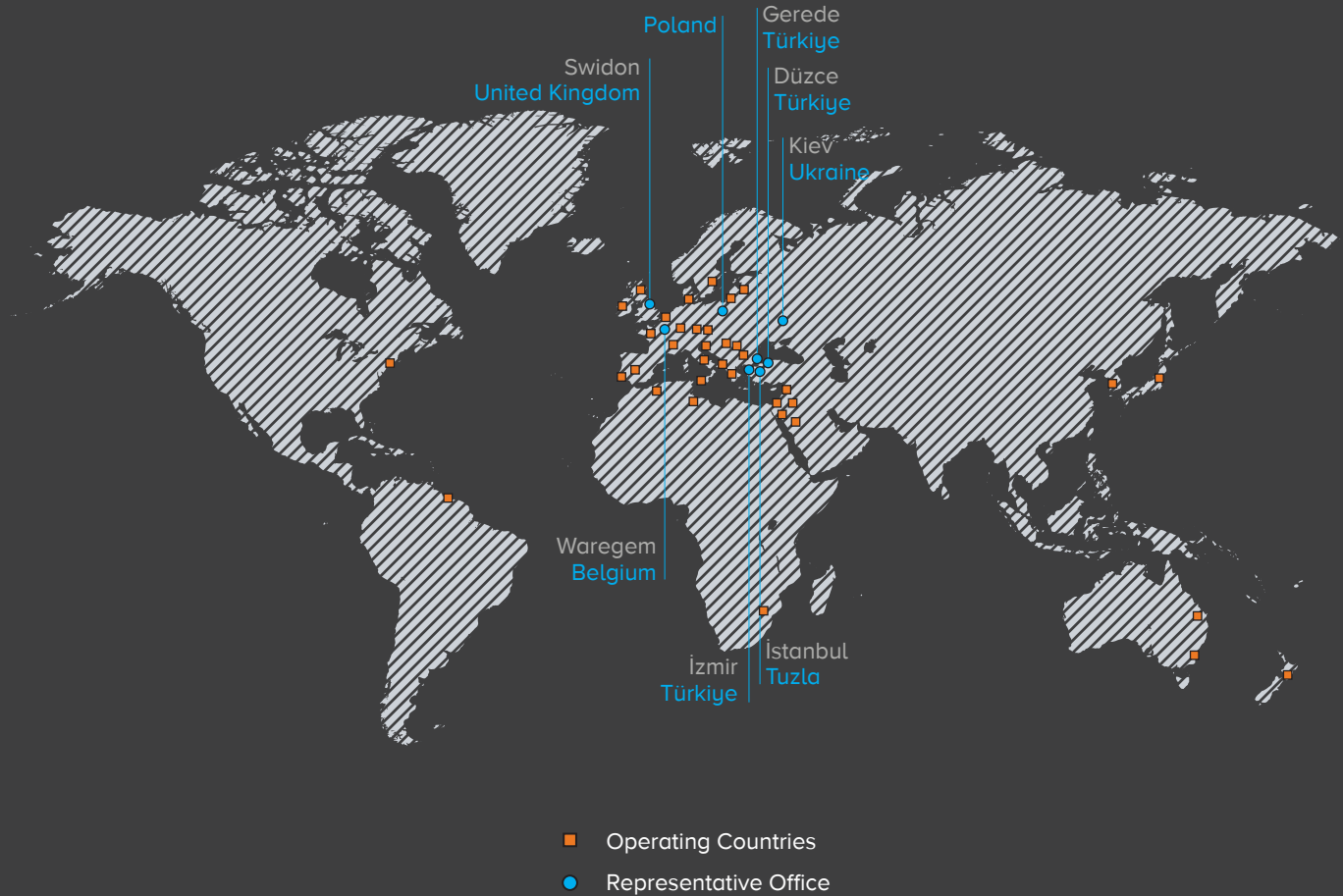
Health Product Declaration (HPD) v2.3

Feltvibe Acoustic Felt Panels
9 mm / 12 mm / 18 mm / 24 mm

In 68 Countries

Gentuğ Textile continues to contribute to our national economy by exporting its world-class products to more than 68 countries with exemplary customer service.

Australia, Austria, Belgium, Bulgaria, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Irak, Ireland, Israel, Italy, Japan, Jordan, Lithuania, Libya, Macendonia, Malta, Netherlands, New Zealand, Poland, Portugal, Queensland, S. Africa, S.Korea, Scotland, Slovakia, Slovenia, Spain, Sweden, Switzerland, Syria, Suriname, Turkey, Ukraine, UAE, USA...



ABOUT US

Local Manufacturing

We are a longstanding supporter of Türkiye design and manufacturing, with over 90% of our textiles and acoustic products made locally.

Our History

In 1917, Gentuğ began as a textile-focused venture, but over the years, we've evolved beyond woven fabrics, transforming into leaders in decorative acoustic products. Our journey symbolizes a fusion of textile heritage and cutting-edge acoustic solutions, captured in the from looms to acoustic landscapes, our evolution reflects deliberate strides in design innovation. We've embraced a future where our commitment to uniqueness thrives in modern, decorative acoustic solutions, reshaping interior aesthetics.

Today, Felt Vibe® stands at the intersection of textile legacy and acoustic ingenuity. Our story is one of transformation, where past threads seamlessly weave into the vibrant tapestry of our acoustic future: decorative acoustic panel, sound and thermal insulation.

Felt Vibe® global design, local production

Our state of the art research and development facility is supported by a team of industrial designers, product engineers and acousticians. With 3 direct production facilities, extensive sales and specification teams, and local support available in multiple countries across 4 continents, we strive to deliver an innovative experience through our products and solutions.

Felt Vibe® produces design driven architectural acoustical solutions. Our raw material offers the highest standard in acoustical performance and is fully customizable offering solutions ranging from ceiling, walls, dividers, and furniture applications. We work with architects, interior designers, fit-out and refurbish companies, and global brands directly. We supply all of our local partners with raw material made from PET plastic and organic fibers. Due to the nature of our material, we can provide a wide array of design options, color choices, and bespoke print capabilities.



Düzce Factory

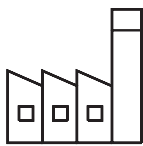


Gerece Factory



Tuzla Factory

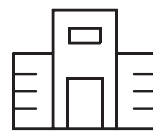
Business Overview



3 Factories
in Gerece, Tuzla, and Düzce



500 Employees
in Total



55.000 m²
Closed Production
Floor Spaces

Health Product Declaration (HPD) v2.3

1. Product Information

Product Name: Feltvibe Acoustic Felt Panels

Thickness Options: 9 mm / 12 mm / 18 mm / 24 mm

Manufacturer: Gentuğ Tekstil Ürünleri San. Tic. A.Ş.

Brand: Feltvibe

Product Type: Interior acoustic wall and ceiling panels

Intended Market: Commercial & residential interior fit-out (USA & International) HPD Type: Self-Declared

HPD Version: v2.3

Inventory Threshold: 100 ppm (0.01%)

2. Product Description

Feltvibe Acoustic Felt Panels are lightweight, high-performance acoustic panels manufactured from 100% recycled PET fibers. The panels are mechanically bonded without the use of chemical binders or added resins and are designed for sound absorption in interior architectural applications.

The product range includes multiple thicknesses (9, 12, 18, and 24 mm), all sharing the same material composition and manufacturing process.

3. Material Content (Descending Order)

| Material | CAS Number | Function | Approx. % |
|--------------------------|-------------|-----------------------------|-----------|
| Recycled PET Fiber | 25038-59-9 | Acoustic felt base material | >99% |
| Pigments (non-hazardous) | Proprietary | Coloration | <1% |

Substances Not Intentionally Added

- Formaldehyde
- PVC / Vinyl
- PFAS
- Halogenated flame retardants
- Heavy metals (lead, cadmium, mercury, chromium VI)
- Phthalates

4. Health Hazard Summary

- **GHS Classification:** No hazards identified
- **GreenScreen Benchmark:** Benchmark 4 / LT-1 (based on PET polymer)
- **Carcinogens:** None identified
- **Mutagens:** None identified
- **Reproductive toxins:** None identified
- **VOC Content:** No added VOCs

The product is designed for interior use and does not emit hazardous substances under normal conditions of use.

5. Certifications & Performance References

- **Fire reaction classification:** EN 13501-1 – B-s1, d0
- **Acoustic performance:** EN ISO 11654 / ISO 354
- **Material origin:** 100% recycled PET
- Compatible with LEED v4 / v4.1 material transparency credits (HPD disclosure)

6. Manufacturing & Installation Notes

- **Manufacturing process:** Mechanical bonding (needle-punched PET felt)
- No chemical adhesives or binders used in the felt structure
- Suitable for interior wall and ceiling applications only
- Installed using mechanical fixing systems or approved mounting accessories

7. LEED & Sustainability Statement

This HPD supports LEED v4 and v4.1 Material Ingredients – Disclosure and Optimization credits under the HPD option. The use of recycled PET content contributes to circular material strategies and reduced environmental impact.

8. Disclosure & Responsibility Statement

This Health Product Declaration is self-declared by the manufacturer and is based on the best available information at the time of publication. No third-party verification has been conducted.

The information disclosed herein is accurate to the best of the manufacturer's knowledge and reflects the current formulation of the product.

Prepared by: Gentuğ Tekstil Ürünleri San. Tic. A.Ş.

Brand: Feltvibe

HPD Standard: HPD Collaborative – HPD v2.3

Declaration Type: Self-Declared



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