TRANSFORMING LIMITED RESOURCES
INTO UNLIMITED POTENTIAL

Created by the regeneration of athletic footwear and manufacturing surplus, Nike Grind materials are high-performance, long-lasting and environmentally conscious, providing the ultimate foundation for the next generation of sustainable design.
NIKE GRIND MATERIALS

MATERIAL GROUP TYPES
SINGLE MATERIALS: One material type
COMPOSITE MATERIALS: Two or more co-mingled material types

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- Rubber Flashings 3
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MATERIAL TYPE: RUBBER

RUBBER OUTSOLES AND FLASHINGS
Cured rubber materials are available in the form of flashings and outsole components.

MATERIAL GROUP: Single material

SPECIFICATIONS:

  **RUBBER OUTSOLE COMPONENTS**: Roughly chopped footwear scrap components; pieces generally smaller than 3cm x 3cm x 3cm

  **RUBBER FLASHINGS**: Trimming scraps in the shape of long strips in size of approx. 1 mm thick, 15 cm – 50 cm long and up to 5 cm wide

COLOR: Mixed (no color separation)
MATERIAL TYPE: RUBBER

RUBBER GRANULATE
Cured rubber outsoles and flashings processed to various granulate sizes.

MATERIAL GROUP: Single material

SPECIFICATIONS: 3 – 6mm, 1 – 3mm, 10 – 30 mesh, 30 – 40 mesh; additional granulation specifications may be available upon request

COLOR: Mixed (no color separation)
**MATERIAL TYPE: FOAM**

**EVA FOAM INJECTION SCRAPS AND FLASHINGS**

Ethylene-vinyl acetate (EVA) foam materials from footwear midsoles are available in various shapes including full components, cutting scraps, injection scraps, and flashings.

**MATERIAL GROUP:** Single material

**SPECIFICATIONS:**

- **INJECTION SCRAPS:** Tubular pieces with roughly 1 cm diameter and up to 30 cm long
- **FLASHINGS:** Long strips roughly 1mm thick, 30 cm – 50 cm long and up to 3 cm wide

**COLOR:** Varies
MATERIAL TYPE: FOAM

EVA FOAM SHEETS & BLOCKS AND COMPONENTS

Ethylene-vinyl acetate (EVA) foam materials from footwear midsoles are available in various shapes including full components, cutting scraps, injection scraps, and flashings.

MATERIAL GROUP: Single material

SPECIFICATIONS:

SHEETS & BLOCKS: EVA scraps in block shapes (approx. 10 cm x 4 cm x 5 cm) and flat sheets in thickness of 4 mm – 6 mm

COMPONENTS: Roughly chopped footwear midsole components in pieces up to 3 cm x 3 cm x 3 cm

COLOR: Varies
MATERIAL TYPE: FOAM

LAMINATED EVA FOAM

EVA foam sheets laminated with polyester fabric backing from the manufacture of Nike’s footwear sockliners (insoles).

MATERIAL GROUP: Composite material

SPECIFICATIONS: Cutting scraps of varying shapes from laminated EVA foam sheets roughly 4 mm – 6 mm thick

COLOR: Varies
MATERIAL TYPE: FOAM

LAMINATED PU FOAM
Polyurethane foam laminated with various backing material including nylon, polyester, paper or other fabric coverings.

MATERIAL GROUP: Composite material

SPECIFICATIONS: Small scraps of various shapes cut from rolls of laminated PU foam in thickness of approx. 3 mm – 5 mm

COLOR: Varies
MATERIAL TYPE: TEXTILES

MIXED APPAREL TEXTILE
Cutting scraps from apparel manufacture are composed primarily of cotton and polyester, but also may contain small amounts of nylon, elastane and other materials.

MATERIAL GROUP: Composite material

SPECIFICATIONS: Small cutting scraps of various shapes

COLOR: Varies
MATERIAL TYPE: TEXTILES

MIXED FOOTWEAR TEXTILE
Cutting scraps from the manufacture of footwear uppers mostly consist of small strips of polyester fabrics and mesh of various colors, and may also include fabrics and components of cotton, nylon, or thermoplastic polyurethanes. The textile scraps can, in some cases, include backing paper and/or adhesives.

MATERIAL GROUP: Composite material

SPECIFICATIONS: Various-sized cutting scraps from textile with approx. thickness 1 mm – 2 mm

COLOR: Varies
FOOTWEAR FIBER “FLUFF”
Produced in the consumer footwear take-back recycling process, “fluff” is an airy gray felt-like material of entangled textile fibers from footwear uppers, with some particulate rubber and foam (EVA) of various colors.

MATERIAL GROUP: Composite material

SPECIFICATIONS: Fiber with 1 mm – 4 mm granulates; approximately 80% textile fiber with 20% rubber and EVA cross-material inclusion

COLOR: Gray with mixed color granulate

MATERIAL TYPE: TEXTILES
**MATERIAL TYPE: LEATHER**

**LEATHER SCRAPPS**

Full grain leather cutting scraps with a pigmented, aniline or crust finish leftover from the manufacture of footwear uppers are available for reuse. Split Leather coated with polyurethane (PU) is also available.

**MATERIAL GROUP:** Full Grain Leather: Single material, Split Leather coated with PU: Composite material

**SPECIFICATIONS:** Scraps generated from cutting out footwear upper components from leather hides (full grain leather and split leather) approx. thickness of 1 mm – 3 mm

**COLOR:** Varies
MATERIAL TYPE: **LEATHER**

**SYNTHETIC LEATHER**

Synthetic leather is a leather-like synthetic textile or non-woven material coated in polyurethane. May include backing paper.

**MATERIAL GROUP:** Composite material

**SPECIFICATIONS:** Cutting scraps of varying shapes from rolls of synthetic leather with approx. 1 mm thickness

**COLOR:** Varies
Nike Grind makes no claims about the quality or content of the material and makes no representations that the material is suitable for any purpose, and depends on the expertise of the recipient in determining whether the material is suitable for use in their products.