



NIKE GRIND

MATERIALS

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NIKE GRIND MATERIALS

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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.



WHAT IS NIKE GRIND?

ASIA
MANUFACTURING OFFCUTS



U.S. & BELGIUM
REUSE-A-SHOE



U.S. & BELGIUM
SAMPLES AND DEFECTIVES



MATERIAL TYPES



RUBBER



PU FOAM



EVA FOAM



LEATHER



TEXTILES



THERMOPLASTICS

MATERIAL SPECS

MATERIAL TYPE: RUBBER



Cured rubber outsoles and flashings optionally processed to various granulate sizes.

POTENTIAL APPLICATIONS

Rubber Nike Grind materials will offer a wide range of properties for new business opportunities in applications such as sports surfaces, sound and force absorption.

PERFORMANCE CHARACTERISTICS

- Low liquid absorption
- Nike rubber formulations use 90% Nike environmentally preferred rubber

POST-INDUSTRIAL RUBBER



Rubber Granules 3 – 6 mm

POST-CONSUMER RUBBER



EU Post-Consumer Rubber 3 – 5 mm

The images above are examples of Post-Industrial and Post-Consumer Rubber materials. See the following pages for a complete list of available Rubber materials.

MATERIAL TYPE: RUBBER

RUBBER OUTSOLE COMPONENTS

Cured rubber materials in the form of outsole components chopped to a variety of sizes.

SIZE: Mixed (~150 mm x ~80 mm x ~4 mm, ~30 mm x ~30 mm x ~30 mm, ~30 mm x ~30 mm x ~2 mm, ~50 mm x ~80 mm x ~2 mm, ~120 mm x ~100 mm x ~2 mm, ~120 mm x ~100 mm x ~30 mm)

COLOR: Light (no black), dark (no white), mixed (no color separation)

SOURCE TYPE: Footwear manufacturing

SOURCE LOCATION: China, Indonesia, Vietnam

SKU: NG07ROC



Detail View

RUBBER FLASHINGS

Cured rubber materials are available in the form of flashing components.

SIZE: 1 mm x (150 – 500 mm)

COLOR: Light (no black), dark (no white), mixed (no color separation)

SOURCE TYPE: Footwear manufacturing

SOURCE LOCATION: China, Indonesia, Vietnam

SKU: NG08RF



Detail View

RUBBER GRANULES

Cured rubber outsoles and flashings processed to various granulate sizes.

SIZE: 1 – 3 mm, 3 – 6 mm (shown below), 10 – 30 mesh, 30 – 40 mesh

COLOR: Light (no black), dark (no white), mixed (no color separation)

SOURCE TYPE: Footwear manufacturing

SOURCE LOCATION: China, Indonesia, Vietnam

SKUS: NG09R13, NG10R36, NG11R14, NG12R30



Detail View

MATERIAL TYPE: RUBBER

RUBBER POWDER

Cured rubber outsoles and flashings processed into a powder form.

SIZE: 40 mesh and under
COLOR: Light (no black), dark (no white), mixed (no color separation)
SOURCE TYPE: Footwear manufacturing
SOURCE LOCATION: China, Indonesia, Vietnam
SKU: NG13RP4



Detail View

POST-CONSUMER RUBBER

Rubber material separated from finished whole shoes, recaptured and processed to various granulate sizes.

SIZE: 0.5 – 3 mm, 3 – 6 mm (U.S.),
3 – 5 mm (EU) (shown below)
COLOR: Mixed
SOURCE TYPE: Post-consumer footwear, samples and defectives
SOURCE LOCATION: Belgium, United States
SKUS: NG27R13, NG28R36



Detail View

MATERIAL TYPE: **PU FOAM**



Polyurethane foam laminated with backing material.

POTENTIAL APPLICATIONS

PU Foam Nike Grind materials will offer a wide range of properties for new business opportunities in applications such as carpet padding and shock absorption.

PERFORMANCE CHARACTERISTICS

- Lightweight
- Compressible
- Soft, exhibiting cushioning characteristics
- High buoyancy

POST-INDUSTRIAL PU FOAM



PU Laminated Foam

The image above is an example of Post-Industrial PU Foam material. See the following page for additional details.

MATERIAL TYPE: PU FOAM

PU LAMINATED FOAM

Polyurethane foam laminated with backing material.

COLOR: Varies
SOURCE TYPE: Footwear manufacturing
SOURCE LOCATION: China, Indonesia, Vietnam
SKU: NG06LPU



Detail View



MATERIAL TYPE: **EVA FOAM**



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

POTENTIAL APPLICATIONS

EVA Foam Nike Grind materials will offer a wide range of properties for new business opportunities in applications such as sports surfaces, appliances, electronics, thermal insulation and sound absorption.

PERFORMANCE CHARACTERISTICS

- High flexibility
- High shock absorption qualities
- Resistant to stress-cracking
- Low liquid absorption

POST-INDUSTRIAL EVA FOAM



EVA Components

POST-CONSUMER EVA FOAM



EU Post-Consumer EVA Foam

The images above are examples of Post-Industrial and Post-Consumer EVA Foam materials. See the following pages for a complete list of available EVA Foam materials.

MATERIAL TYPE: EVA FOAM

EVA INJECTIONS

Ethylene-vinyl acetate (EVA) foam materials from footwear midsoles are available as injection scraps in tubular pieces.

SIZE: ~10 mm x (up to 300 mm)
COLOR: Varies
SOURCE TYPE: Footwear manufacturing
SOURCE LOCATION: China, Indonesia, Vietnam
SKU: NG15EVAI



Detail View

EVA FLASHINGS

Ethylene-vinyl acetate (EVA) foam materials from footwear midsoles are available as flashing in long strips.

SIZE: 10 mm x (300 – 500 mm)
COLOR: Varies
SOURCE TYPE: Footwear manufacturing
SOURCE LOCATION: China, Indonesia, Vietnam
SKU: NG14EVAF



Detail View

EVA COMPONENTS

Ethylene-vinyl acetate (EVA) foam materials from footwear midsoles are available as components in roughly chopped pieces.

SIZE: Roughly chopped
COLOR: Varies
SOURCE TYPE: Footwear manufacturing
SOURCE LOCATION: China, Indonesia, Vietnam
SKU: NG18EVAC



Detail View

MATERIAL TYPE: EVA FOAM

EVA LAMINATED SCRAPS

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

SIZE: Roughly chopped scraps

COLOR: Mixed

SOURCE TYPE: Footwear manufacturing

SOURCE LOCATION: China, Indonesia, Vietnam

SKU: NG19LEVA



Detail View

POST-CONSUMER EVA FOAM

EVA foam material separated from finished whole shoes, recaptured and processed. Includes some rubber and upper textile contamination.

SIZE: 1 – 4 mm

COLOR: Mixed

SOURCE TYPE: Post-consumer footwear, samples and defectives

SOURCE LOCATION: Belgium, United States

SKU: NG29EVA



Detail View



MATERIAL TYPE: **LEATHER**



Full grain, split coated with polyurethane (PU), and synthetic leather scraps from the manufacture of footwear uppers are available for reuse.

POTENTIAL APPLICATIONS

Leather Nike Grind materials will offer a wide range of properties for new business opportunities in applications such as furniture and small leather goods.

PERFORMANCE CHARACTERISTICS

- High tensile strength
- High resistance to puncture and tear
- Resistant to mildew
- Fire resistant

POST-INDUSTRIAL LEATHER



Split Leather Coated Scraps



Synthetic Leather Scraps

The images above are examples of Post-Industrial Leather materials. See the following page for a complete list of available Leather materials.

MATERIAL TYPE: LEATHER

FULL GRAIN LEATHER SCRAPS

Full grain leather cutting scraps with a pigmented, aniline or crust finish leftover from the manufacture of footwear uppers are available for reuse.

SIZE: Cutting scraps, lightly processed

COLOR: Varies

SOURCE TYPE: Footwear manufacturing

SOURCE LOCATION: China, Indonesia, Vietnam

SKU: NG24FGL



Detail View

SPLIT LEATHER COATED SCRAPS

Split leather coated scraps with polyurethane (PU) leftover from the manufacture of footwear uppers are available for reuse.

SIZE: Cutting scraps, lightly processed

COLOR: Varies

SOURCE TYPE: Footwear manufacturing

SOURCE LOCATION: China, Indonesia, Vietnam

SKU: NG23SLC



Detail View

SYNTHETIC LEATHER SCRAPS

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

SIZE: Cutting scraps, lightly processed

COLOR: Varies

SOURCE TYPE: Footwear manufacturing

SOURCE LOCATION: China, Indonesia, Vietnam

SKU: NG25SL



Detail View

MATERIAL TYPE: TEXTILES



Post-industrial textile scraps collected from the manufacture of footwear and apparel, or post-consumer textile fluff recovered from finished footwear.

POTENTIAL APPLICATIONS

Textile Nike Grind materials offer a wide range of properties for new business opportunities in applications such as cushioning and recycled yarn.

PERFORMANCE CHARACTERISTICS

- Colorfastness
- Air permeability
- Moisture transmission

POST-INDUSTRIAL TEXTILE



Upper Textile Footwear Scrap

POST-CONSUMER TEXTILE



Post-Consumer Fluff

The images above are examples of Post-Industrial and Post-Consumer Textile materials. See the following page for a complete list of available Textile materials.

MATERIAL TYPE: TEXTILES

UPPER TEXTILE FOOTWEAR SCRAP

Various mixed textile materials including polyester, PET and other textile types collected in the production of footwear.

SIZE: ~ 3 mm x 50 mm x 100 mm

COLOR: Mixed

SOURCE TYPE: Footwear manufacturing

SOURCE LOCATION: China, Indonesia, Vietnam

SKU: NG20MFT



Detail View

TEXTILE APPAREL SCRAP

Various textile materials including polyester, PET, elastane, nylon and other textile types collected in the production of apparel.

SIZE: ~ 1 mm x 50 mm x 200 mm

COLOR: Varies

SOURCE TYPE: Apparel manufacturing

SOURCE LOCATION: China, Indonesia, Vietnam

SKU: NG04AT



Detail View

POST-CONSUMER FLUFF

Ground textile material recovered from the separation of whole footwear.

SIZE: N/A

COLOR: Grey with colored flecks

SOURCE TYPE: Post-consumer footwear, samples and defectives

SOURCE LOCATION: Belgium, United States

SKU: NG03F



Detail View

MATERIAL TYPE: TEXTILES

FLUFF

Various mixed textile materials including polyester, PET and other textile types.

SIZE: ~2 mm long fibers

COLOR: Mixed

SOURCE TYPE: Footwear manufacturing

SOURCE LOCATION: China, Indonesia, Vietnam

SKU: NG34F-A



Detail View



MATERIAL TYPE: THERMOPLASTICS



Thermoplastic from manufacturing scraps and post-consumer footwear.

POTENTIAL APPLICATIONS

Thermoplastic Nike Grind materials can be transformed and reincorporated for new business opportunities in applications such as carpet backing, windshield screens, and furniture.

PERFORMANCE CHARACTERISTICS

- High elasticity
- High shear strength
- High abrasion resistance
- Resistant to oil and greases

POST-INDUSTRIAL THERMOPLASTIC



Laminated TPU

POST-CONSUMER THERMOPLASTIC



Post-Consumer TPU Granulate

The images above are an example of Post-Industrial and Post-Consumer Thermoplastic materials. See the following page for a complete details.

MATERIAL TYPE: THERMOPLASTICS

LAMINATED TPU

TPU chips with Nylon.

SIZE: 3-6 mm

COLOR: Whiter

SOURCE TYPE: Footwear manufacturingr

SOURCE LOCATION: United States

SKU: NG26LTPU-US



Detail View

POST-CONSUMER TPU GRANULATE

TPU chips from ground up cleats.

SIZE: 3-6 mm

COLOR: Mixed

SOURCE TYPE: Post-consumer footwear manufacturingr

SOURCE LOCATION: United States

SKU: NG02TPU



Detail View



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