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
- LEATHER
- PU FOAM
- TEXTILES
- EVA FOAM
- THERMOPLASTICS
MATERIAL SPECS
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

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 x ~30 mm, ~30 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

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

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
**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

**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
- **SKU:** NG27R13, NG28R36
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

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

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

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

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
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

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
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

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

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

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
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

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

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

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
**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

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 manufacturing
SOURCE LOCATION: United States
SKU: NG26LTPU-US

POST-CONSUMER TPU GRANULATE
TPU chips from ground up cleats.
SIZE: 3-6 mm
COLOR: Mixed
SOURCE TYPE: Post-consumer footwear manufacturing
SOURCE LOCATION: United States
SKU: NG02TPU
FINISHED MATERIALS
**MATERIAL TYPE: FINISHED MATERIALS**

**STEAHEAD**
Carpet padding made from Nike Grind laminated PU foam by FutureFoam.

**SIZE:** Made to order  
**COLOR:** Green  
**SOURCE TYPE:** Carpet underlayment manufacturing  
**SOURCE LOCATION:** United States  
**SKU:** NG33FF-US

**ACOUSTICORK**
Noise reduction and subfloor prep underlayment manufactured with cork and Nike Grind EVA by Amorim.

**SIZE:** 100 square foot roll (30.46' x 39.4” x 0.070")  
**COLOR:** Multi-colored  
**SOURCE TYPE:** Cork product production  
**SOURCE LOCATION:** Portugal  
**SKU:** NG32CF-P

**ENR LEATHER**
Leather material made with a blend of tannery shavings and Nike leather scraps.

**SIZE:** 56” wide (20 m X 1 roll package)  
**COLOR:** Any color  
**SOURCE TYPE:** Natural recycled leather  
**SOURCE LOCATION:** Korea  
**SKU:** N/A

*Not available for use in Nike products.
EXAMPLES OF PARTNER APPLICATIONS
INNOVATIVE SURFACES ENGINEERED FOR PERFORMANCE

Surfaces made with Nike Grind are high-performance, sustainable alternatives to conventional options. From football fields to weight rooms, basketball courts to playgrounds, these surfaces are designed by our partners to maximize playability while reducing environmental impact.
EXAMPLES OF SURFACE INSTALLATIONS

OUTDOOR TURF FIELD COMPLEX

PERFORMANCE WOOD FLOORING

HEAVY-USE GYM FLOORING

WALKWAY FOR PARALYMPIC TRACK SURFACE

OUTDOOR TRACK SURFACE

CUSHIONED PLAYGROUND SURFACE
PRICING & ORDERING PROCESS

TO OBTAIN SAMPLES, DISCUSS GRANULATE SIZE OPTIONS OR CONFIRM PRICING, PLEASE CONTACT US AT NIKEGRIND@NIKE.COM.

If needed, we will connect you with the appropriate person from Nike’s in-country field team who will support order placement, freight questions and any additional logistics issues.