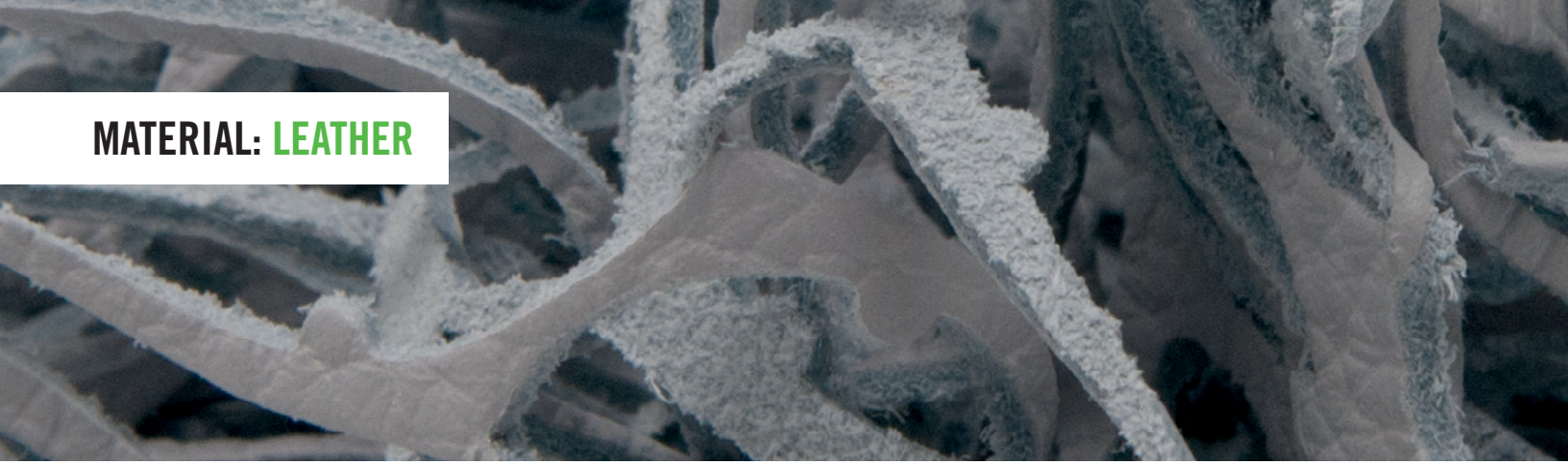
NIKE GRIND LEATHER

TECHNICAL DATA SHEET

OCTOBER 2020

LEATHER



MATERIAL: LEATHER

NIKE GRIND

Created by the regeneration of manufacturing and end-of-life shoes, Nike Grind materials are high-performance, long-lasting and environmentally conscious, providing the ultimate foundation for the next generation of sustainable design.

LEATHER

Full grain, suede, split grain with polyurethane (PU) coating and synthetic leather scraps from the manufacture of footwear uppers.

POTENTIAL APPLICATIONS

A wide range of properties for applications such as furniture, automotive industry and leather accessories.

PERFORMANCE CHARACTERISTICS

- Tensile strength
- 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.

POST-INDUSTRIAL FACTORY LEATHER

GENERAL MATERIAL INFORMATION

MATERIAL COMPOSITION:	**FULL GRAIN LEATHER SCRAPS:** Full grain leather cutting scraps with a pigmented, aniline or crust finish leftover from the manufacture of footwear uppers. **SPLIT LEATHER COATED SCRAPS:** Split leather coated scraps with polyurethane (PU) coating leftover from the manufacture of footwear uppers. **SYNTHETIC LEATHER SCRAPS:** Category includes all materials that have a leather-like appearance, indifferent to base materials, including materials that have a PU (polyurethane) coating on the back of a non-woven or woven fabric; fuse cutting scraps after heat pressing. Post-Industrial maufacturing footwear synthetic leather scraps; polyurethane-coated synthetic textile. May include backing paper.
COLOR OPTIONS:	Varies, Leathers are not color-segregated.
PRODUCT SOURCE:	Footwear manufacturing
SOURCE LOCATION:	Indonesia, Vietnam, China
PRICING:	Per request
AVAILABILITY:	Per request

PRODUCT PROPERTIES

MATERIAL:	FULL GRAIN LEATHER SCRAPS	SPLIT LEATHER COATED SCRAPS	SYNTHETIC LEATHER SCRAPS
TOTAL ASH CONTENT (%):	9.15	8.40	0.51
ELONGATION LENGTH (%):	35–70	40–110	40–380
ELONGATION WIDTH (%):	40–70	40–110	60–380
GAUGE 1 OZ TOP WEIGHT (mm):	1.4–1.6	1.2–1.4	1.2
SOFTNESS (mm):	2.3–2.8	2.8–3.4	N/A
HYDROLYSIS (Pass/Fail):	N/A	N/A	Pass
MULLEN BURST (kg/cm^2):	30	20–30	17
PLY ADHESION - DRY (kg/cm):	N/A	N/A	3
PLY ADHESION - WET (kg/cm):	N/A	N/A	3
STOLL ABRASION FACE 1.0 LB (cycles):	Not Determined	Not Determined	2000
TENSILE LENGTH (kg/1.27cm):	35	20	7–30 (kg/2.54cm)
TENSILE WIDTH (kg/1.27cm):	25	15–18	7–30 (kg/2.54cm)
TONGUE TEAR LENGTH (kg):	5	4–4.5	6
TONGUE TEAR WIDTH (kg):	5	4–4.5	6
WEIGHT (g/m^2):	900–1250	800–1200	575
AVERAGE THICKNESS (mm):	1.4–1.6	1.2–1.4	0.38
THICKNESS - ADHESIVE (mm):	N/A	N/A	0.22
THICKNESS - FILM (mm):	N/A	N/A	0.17
SIZING (mm):	cutting scraps, lightly processed	cutting scraps, lightly processed	cutting scraps, lightly processed
DENSITY (g/cm^3):	0.67	0.51	0.33

CONTACT

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