

# SeptMMU

**As part of our promise to provide our clients with the newest and most innovative materials sourced from around the world, we are pleased to present our monthly Materials Update. Here you will find the latest materials to have been added to the database, upon their acceptance by our regular jury process.**

These materials can be seen online and on-site at our New York location. Selected materials are also available at our Cologne, Daegu, Milan, and Bangkok locations; please call or email us at any of the addresses listed for more information.

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## MC 0149-08

Acrylic thermoplastic elastomer that combines good optical properties and elasticity. The material possesses high UV resistance, good elasticity, transparency (light transmission) and adhesive properties.



## MC 2386-06

Double-sided metallized shading fabric composed of 42% fiberglass and 58% polyvinyl (PVC) with low emissivity. Applications include shading fabric for interior and exterior applications including roller, roman, panel and skylight blinds.



## MC 2463-06

Coated durable fabric that is alternative to leather, with a realistic nubuck surface. The fabric is stitchable, breathable and is suitable for footwear, gloves, bags, furniture and automotive upholstery.



## MC 2463-07

Coated, highly durable fabric that is alternative to leather. It is composed of a nylon nonwoven substrate that has been PU coated. The fabric is stitchable, breathable and is suitable for footwear, gloves, bags, furniture and auto-



## MC 2463-08

Coated durable fabric that is alternative to leather, with a realistic grain surface. The fabric is stitchable, breathable and is suitable for footwear, gloves and bags.



## MC 2463-09

Durable synthetic leather which is specifically designed for molding applications. Applications include accessories.



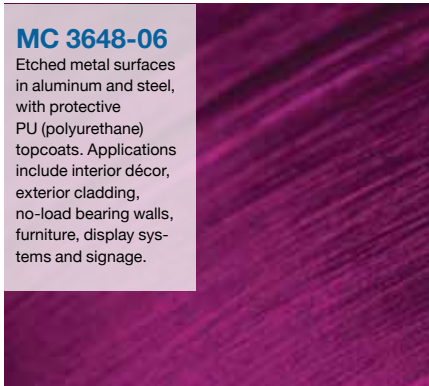
## MC 3597-03

Flat glass with transparent texture molded and bonded with decorative films to the back surface of architectural float glass. Applications include feature walls, translucent facades, solid surfacing and countertops.



## MC 3648-06

Etched metal surfaces in aluminum and steel, with protective PU (polyurethane) topcoats. Applications include interior décor, exterior cladding, no-load bearing walls, furniture, display systems and signage.



## MC 5145-04

3D image effect polyurethane film. The material can be used for military and police insignia, licensed sports and corporate branding designs as well as other consumer product applications.



## MC 5194-02

Process for anodizing aluminum, which can be tailored to imitate the color and surface finish of other metals such as stainless steel, tempered steel, titanium, or brass. Used on automotive parts.



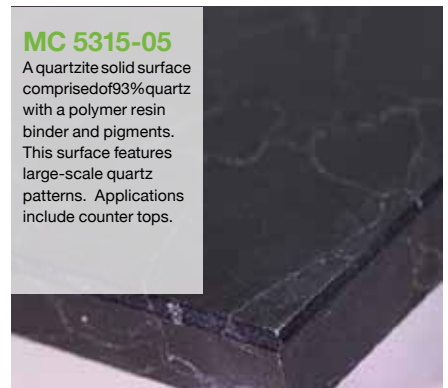
## MC 5315-04

A quartzite solid surface comprised of 93% quartz with a polymer resin binder and pigments. Applications include countertops, interior wall cladding, tiling, furniture, household appliances, displays and walls.



## MC 5315-05

A quartzite solid surface comprised of 93% quartz with a polymer resin binder and pigments. This surface features large-scale quartz patterns. Applications include counter tops.



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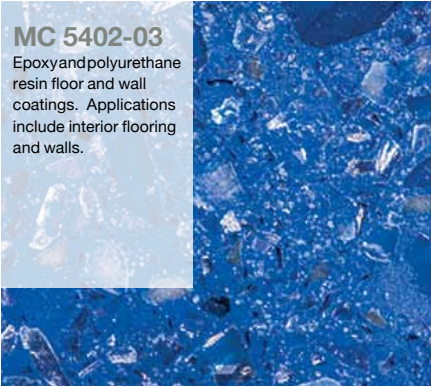
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## MC 5402-03

Epoxy and polyurethane resin floor and wall coatings. Applications include interior flooring and walls.



## MC 5622-03

Polyurethane (PU) floor covering composed of biopolyols, which are obtained from rapeseed oil and castor oil instead of petro-chemically produced phenols. Applications include flooring for commercial and residential interiors.



## MC 6006-07

High-precision, three-dimensional lettering and logos made from chrome-plated metal. The logos are manufactured using an electro-forming process.



## MC 6225-09

Hand woven carpet made from 100% New Zealand wool. Applications include flooring and décor for residential and commercial indoor space.



## MC 6225-10

Hand woven carpet made from 100% New Zealand wool. The structure of this carpet combines cut and looped pile yarns, creating a two-tone worn look with a single color of yarn. Applications include flooring.



## MC 6225-11

High pile carpets comprised of wool and polyester fibers. Extremely long pile yarns in a mix of color, shade and finish combinations create visual complexity. Applications include flooring.



## MC 6534-02

Polyester staple fiber yarn that creates balanced body temperature, promoting evaporative cooling in warm temperatures, and heat retention in cool temperatures. Applications include apparel and outdoor clothing.



## MC 6732-03

High temperature, ultra smooth thermal-barrier coating consisting of a high percentage of liquid ceramic precursors with added pigments. Applications include high temperature vehicular exhaust system and processing equipment.



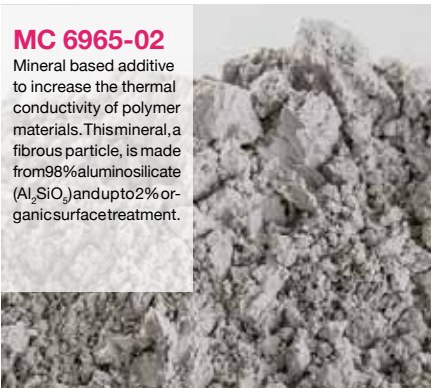
## MC 6844-03

Nonslip, self-adhesive high durability graphic film for outdoor use that can be digitally printed. Applications include on-road signage, advertisements and stage covers.



## MC 6965-02

Mineral based additive to increase the thermal conductivity of polymer materials. This mineral, a fibrous particle, is made from 98% aluminosilicate (Al<sub>2</sub>SiO<sub>5</sub>) and up to 2% organic surface treatment.



## MC 7038-05

A range of anti-microbial treatments for use on woven textile substrates. Four base chemistries are utilized: chitosan, triclosan, silver and silane based quaternary ammonium.



## MC 7087-05

Natural burlap textile selectively covered with a printed foil. This textile combines highly detailed foil prints with the more natural look and feel of the burlap substrate. Applications include apparel and accessories.



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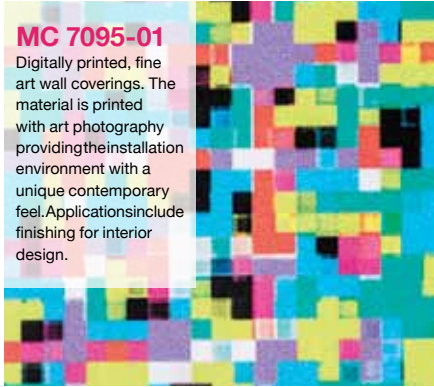
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## MC 7095-01

Digitally printed, fine art wall coverings. The material is printed with art photography providing the installation environment with a unique contemporary feel. Applications include finishing for interior design.



## MC 7096-01

Glass tile painted with urushilacquer. The urushilacquer is hand painted onto the surface of the cleaned glass, followed by a thin foil layer of silver. Applications are for surface panels, as furniture inlays and as tabletop accessories.



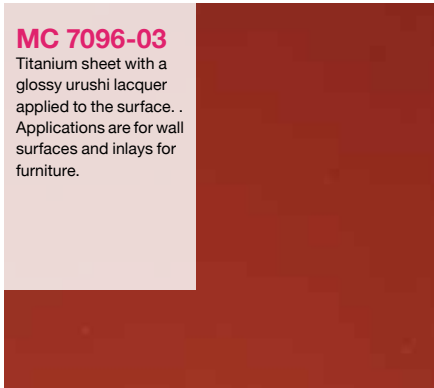
## MC 7096-02

Rigid, multilayer decorative acrylic panel for vertical and horizontal applications. Applications are for partitions, furniture inserts, decorative table inlays, and tabletop accessories.



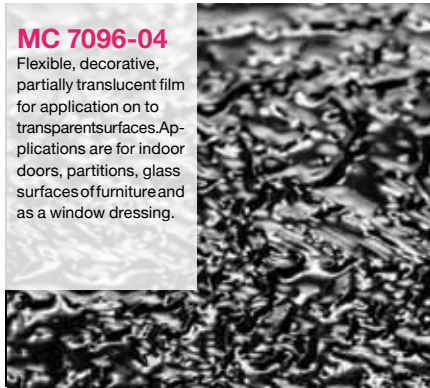
## MC 7096-03

Titanium sheet with a glossy urushi lacquer applied to the surface. Applications are for wall surfaces and inlays for furniture.



## MC 7096-04

Flexible, decorative, partially translucent film for application on transparent surfaces. Applications are for indoor doors, partitions, glass surfaces of furniture and as a window dressing.



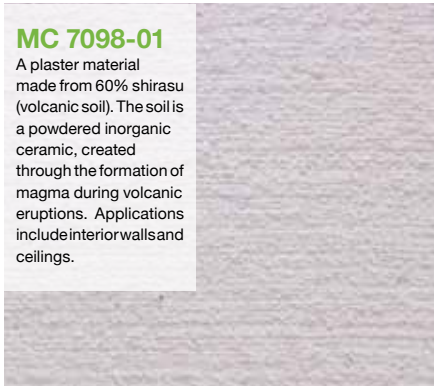
## MC 7097-01

Architectural woven wire mesh that can be comprised of any metal material in wire form. Applications include railings, fence, partitions, grating, ceilings, cladding, signage, facades, furniture, and display.



## MC 7098-01

A plaster material made from 60% shirasu (volcanic soil). The soil is a powdered inorganic ceramic, created through the formation of magma during volcanic eruptions. Applications include interior walls and ceilings.



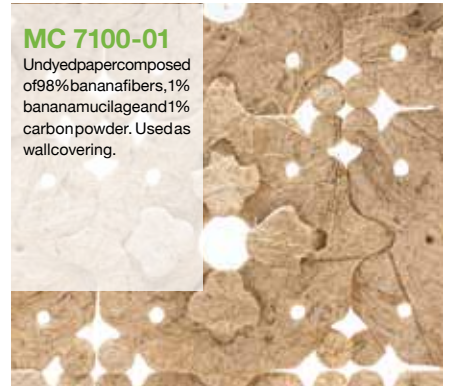
## MC 7099-01

Electro-luminescent, flexible film. The material possesses low thermal conductivity making it comfortable to touch and can be operated indoors and outdoors. Applications include architectural accents.



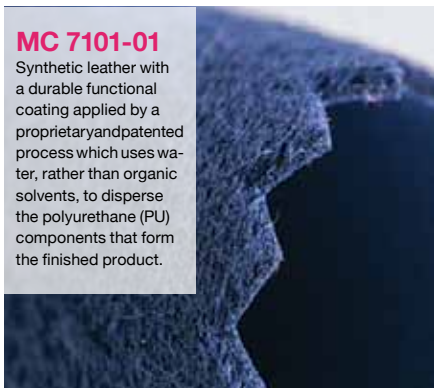
## MC 7100-01

Undyed paper composed of 98% banana fibers, 1% banana mucilage and 1% carbon powder. Used as wallcovering.



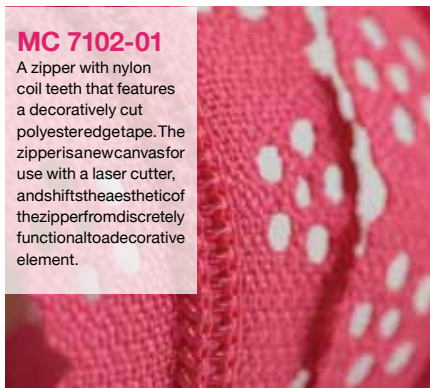
## MC 7101-01

Synthetic leather with a durable functional coating applied by a proprietary and patented process which uses water, rather than organic solvents, to disperse the polyurethane (PU) components that form the finished product.



## MC 7102-01

A zipper with nylon coil teeth that features a decoratively cut polyesteredgetape. The zipper is a new canvas for use with a laser cutter, and shifts the aesthetic of the zipper from discretely functional to a decorative element.



## MC 7103-01

Process for creating seam-free tubular packaging by welding the edges of the flat material in a butt joint and sealing with a thin tape, rather than conventional overlapping and welding techniques.



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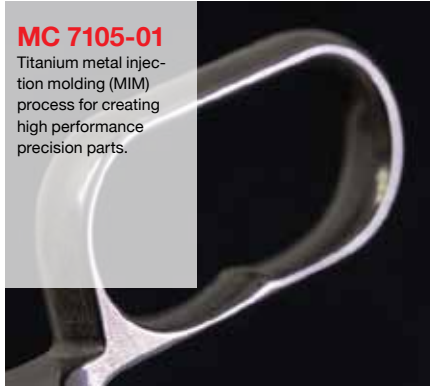
## MC 7104-01

Screen-printed thermomoldable films with electroluminescence and printed circuitry for creating multi-colored backlit display and interface panels.



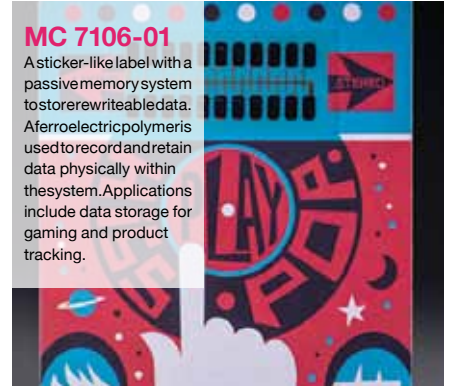
## MC 7105-01

Titanium metal injection molding (MIM) process for creating high performance precision parts.



## MC 7106-01

A sticker-like label with a passive memory system to store rewritable data. A ferroelectric polymer is used to record and retain data physically within the system. Applications include data storage for gaming and product tracking.



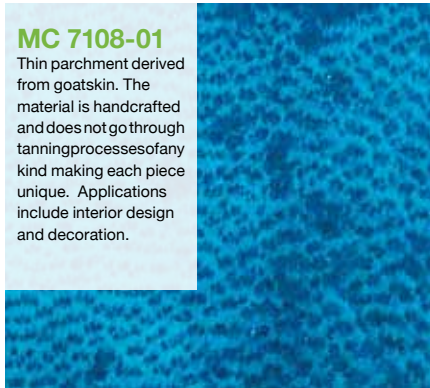
## MC 7107-01

Fast and efficient punching process for metals, polymers and other rigid materials. Unlike conventional punching machinery the process utilizes circular cutting tools allowing for uninterrupted machining of the part.



## MC 7108-01

Thin parchment derived from goatskin. The material is handcrafted and does not go through tanning processes of any kind making each piece unique. Applications include interior design and decoration.



## MC 7109-01

Wood-plastic composite (WPC) composed of 70% wood powder, 25% polypropylene (PP) and 5% pigments with additives. It does not contain polyvinyl. Applications include interior and exterior patios, pool sides, terraces and decking.



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