



ISA nextgenmaterials

COSMTM

The Future is Now.



ISA nextgenmaterials

ISA INDUSTRIAL LTD.

MACAU (CHINA) | USA | VIETNAM | CHINA | HONG KONG (CHINA)

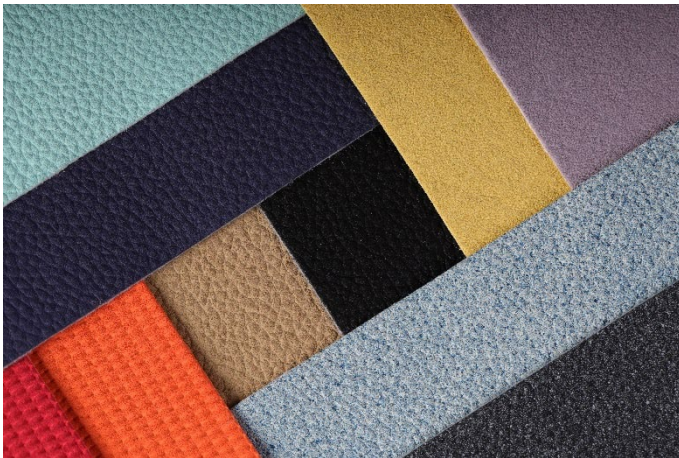
www.isanextgenmaterials.com



LITE

COSM™

AHEAD OF THE CURVE



Our DNA

Sustainability and responsible manufacturing processes have been at the core of our business model since LITE's inception in 2003. We built on this foundation with a separate business unit, COSM, to further explore biobased materials. COSM focuses on the development and production of new and sustainable plant based materials.

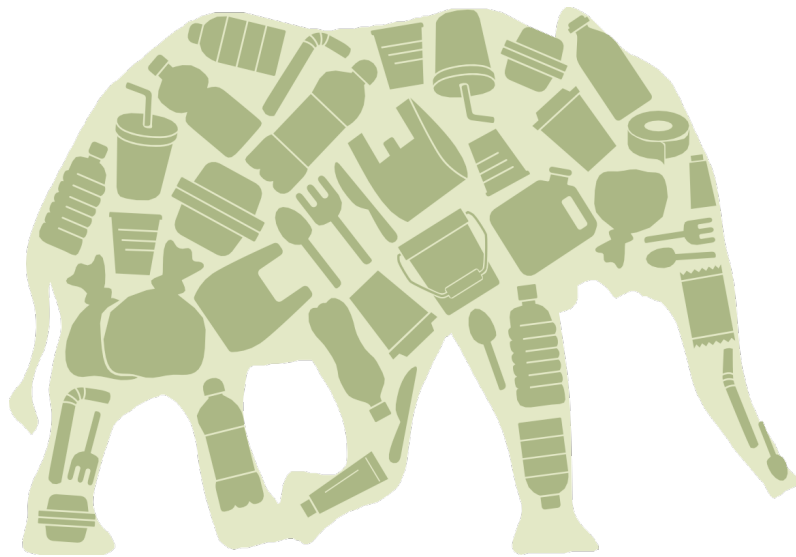
Our Commitment

- Utilize plant based materials which are biodegradable
- Ability to replace petrochemical based synthetics
- Production of COSM materials with circularity in mind

The Benefits

- Up to 100% Bio content which meets the necessary specs for footwear
- Fully scaled in production in a wide range of color and weight options and at retail for major global footwear brands
- Existing service infrastructure set up to aid both brands and factories
- Established, long-term factory relationships
- Pricing structure that is achievable and attractive for large scale projects

The Elephant in the Room



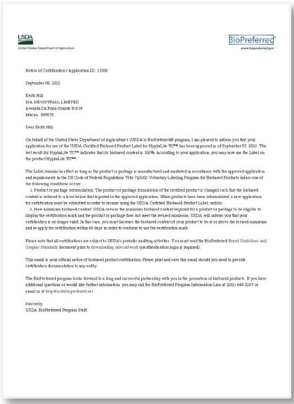
The term “Vegan Leather” has increased in popularity. Many of these materials are advertised as environmentally friendly, however, contain plastics. In contrast to genuine leather, vegan leather is one of the biggest threats to our planet. As an alternative to petrobased vegan leathers, our COSM materials offer another option to materials that can cause harm to our ecosystem.



- USDA Certified Biobased**

The plant based components in our COSM materials are completely natural and allow the product to be classified as bio-based. The biobased content has been 3rd party certified by the USDA.

**biobased content varies by article*



- FSC/VFSC Certified**

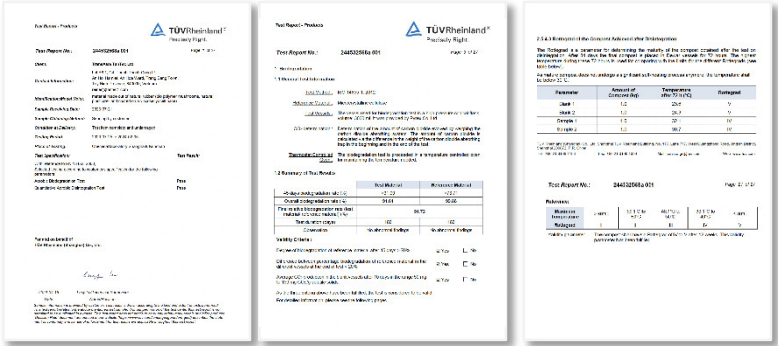
All natural rubber, pulp & fiber units are Forest Stewardship Council certified with leading sustainable forestry practices stressing responsible sourcing of raw material from forests.



*Certification Deck available upon request

- Biodegradable**

All natural components of our COSM Materials have been carefully selected in order to achieve biodegradability.



- Regenerative**

The regenerated cellulosic fibers are certified according to Oeko-Tex and TUV Austria OK scheme for biodegradability in soil, water and marine environments.

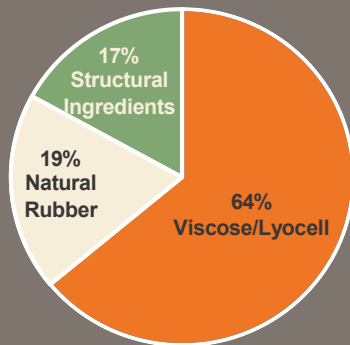


*Certification Deck available upon request

HyphaLite™ TC

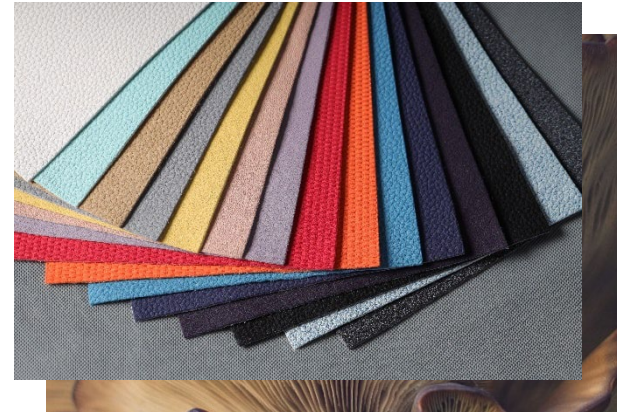
HyphaLite is a 100 % biobased material made from certified natural latex, FSC-certified regenerated cellulose fibers and contains mushrooms.

ISA engineered these components to optimize HyphaLite to meet the physical properties required by the footwear and accessories industry such as hand feel, softness, durability, breathability, and most important cost.



zero plastic

washable



biodegradable

breathable

Bio Content: **100%**

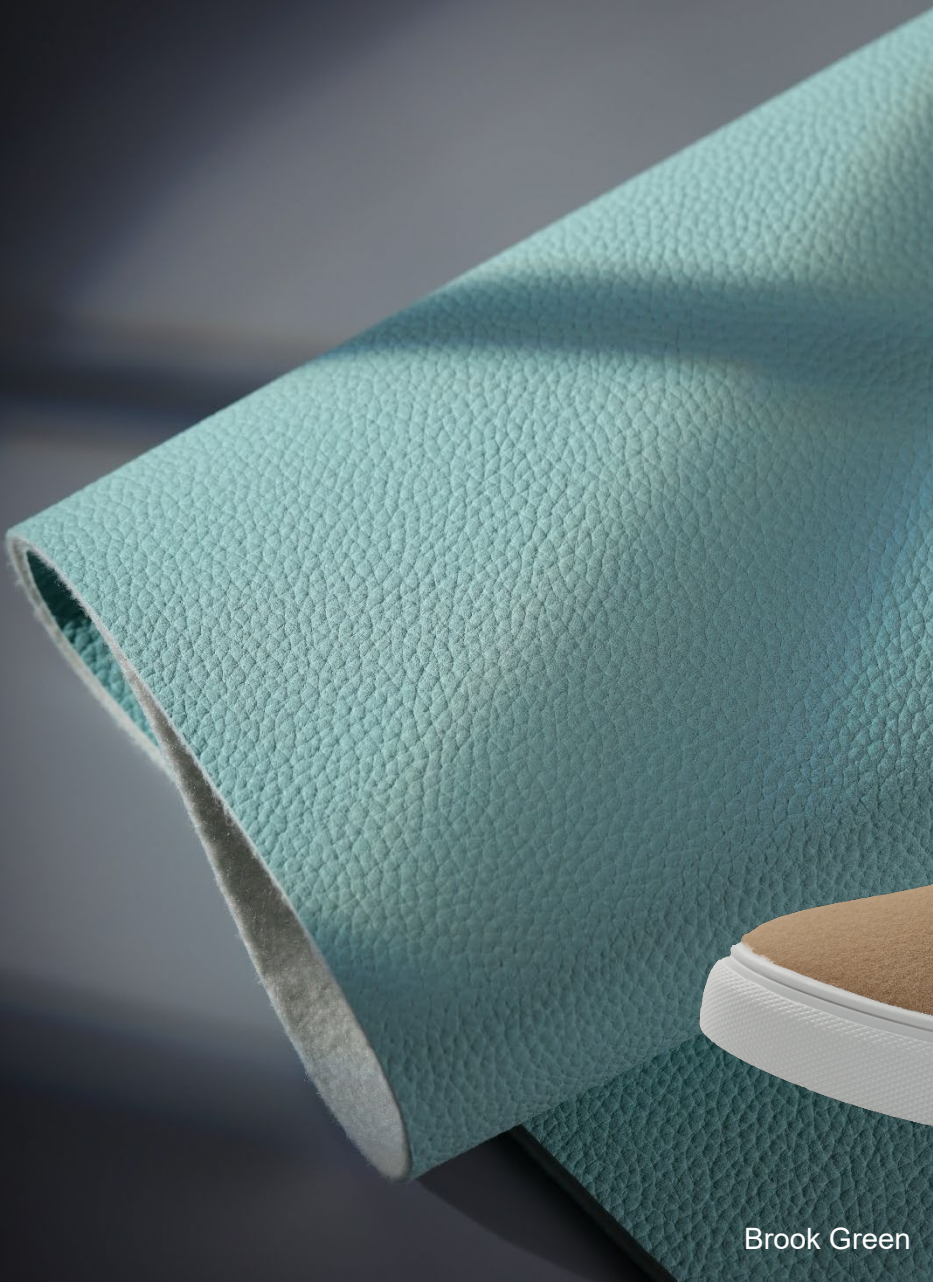
Thickness: **0.9 - 2.2mm***

Colors: **See Palette**

Textures: **Smooth, Milled, Embossed or Spray**

*embossed version available in 0.9-1.8mm only

HyphaLite TC #72



Brook Green



Blue Depths



shown in Irish Cream

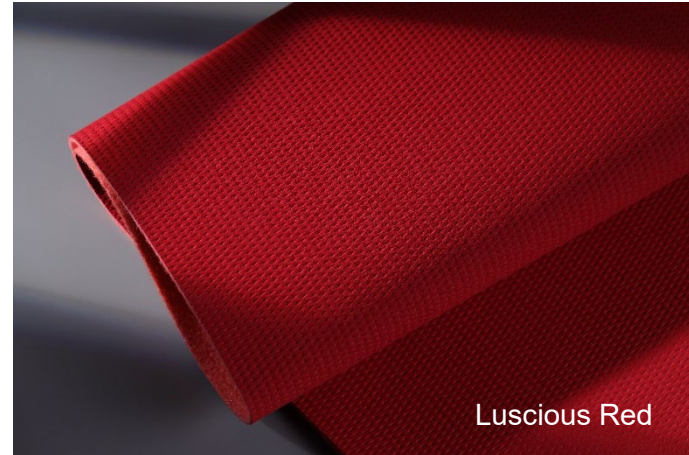
Different Effects & Embosses

Black Top, White Spray



HyphaLite TC #72 Spray

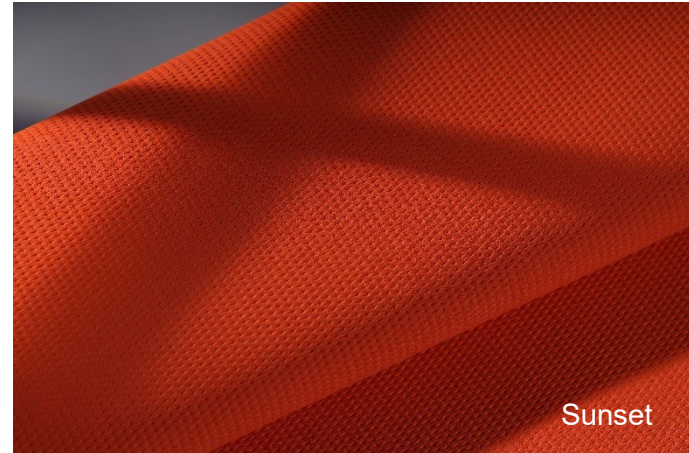
HyphaLite TC #105



Luscious Red



Blizzard Top, Blue Spray



Sunset



Digital Lavender

HyphaLite TC Milled

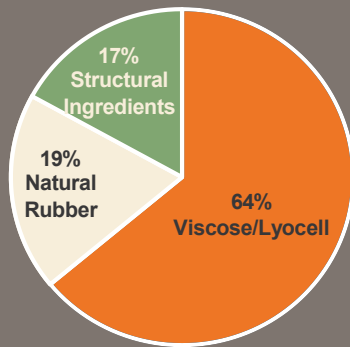


Light Yellow

HyphaLite™ STC

HyphaLite is a 100 % biobased material made from certified natural latex, FSC-certified regenerated cellulose fibers and contains mushrooms.

S = Soft. Our STC version of HyphaLite offers a softer and drapier feel. This version is available in thinner version from 0.4 - 0.8 mm and 0.9 - 1.3 mm.



zero plastic

washable



soft

breathable

Bio Content: **100%**

Weight: **0.4 - 1.3mm**

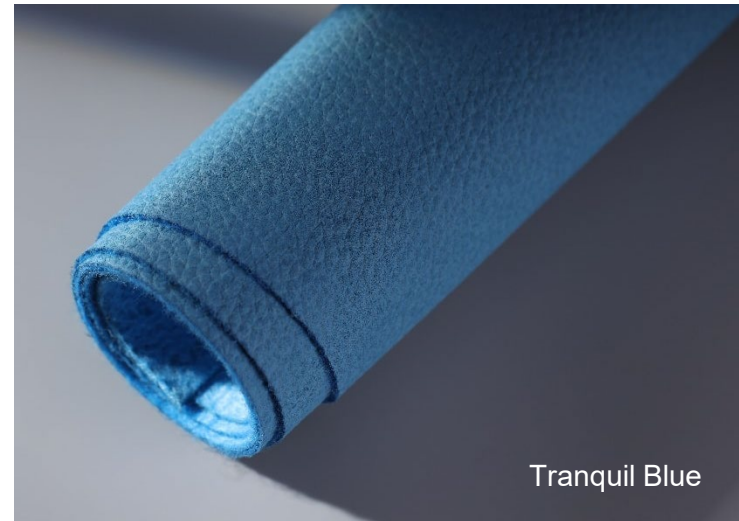
Colors: **See Palette**

Textures: **Smooth, Milled, Embossed or Spray**

HyphaLite STC #72



shown in Luscious Red



Tranquil Blue



Alloy



Blizzard



Pink

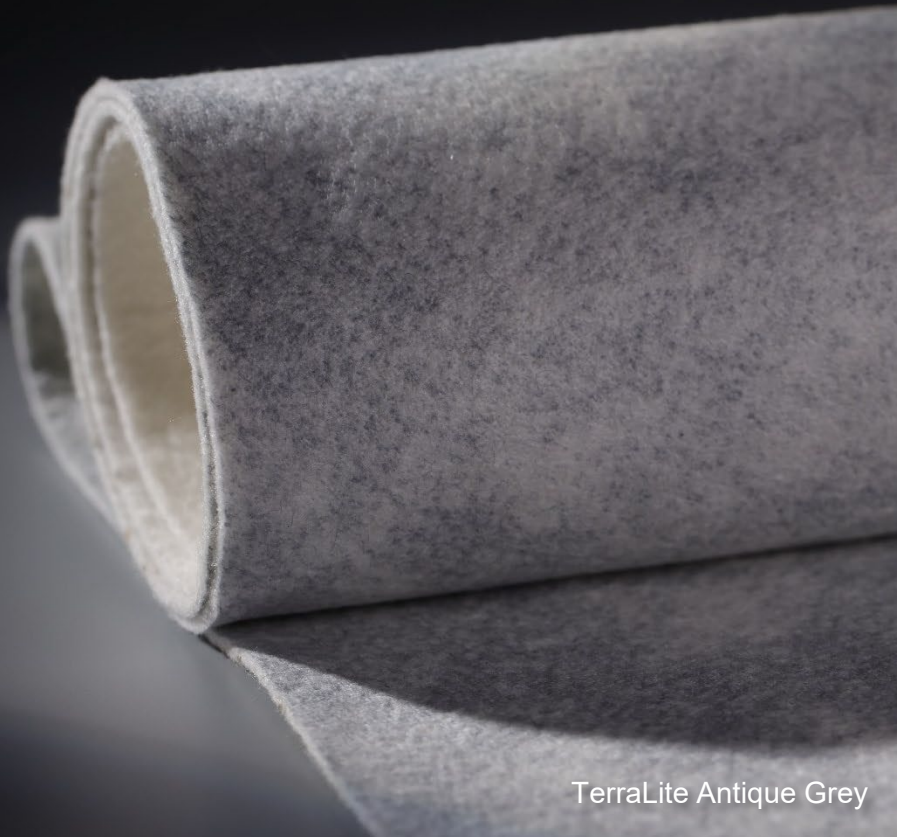
HyphaLite STC Milled



Thunder Purple

TerraLite™

Developed by our COSM business unit, TerraLite offers a similar look to felted wool which is lightweight and breathable. Available with solid color or TerraLite Antique.



highly breathable

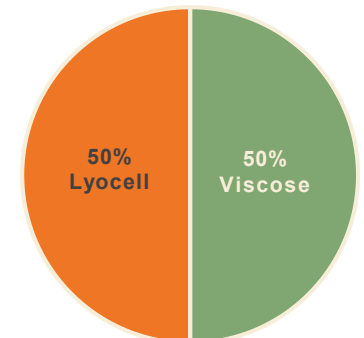


smooth

antiqued



Bio Content: **100%**
Thickness: **0.9 - 1.8mm**
Colors: **See Palette**
Textures: **Smooth, Antiqued, Lining**



Ordering Info



1. Material

HyphaLite TC
HyphaLite STC
TerraLite
TerraLite Antique
TerraLite Lining



2. Texture

Smooth
Embossed
Milled
Spray



3. Color

See Color Palette



4. Thickness

0.9-2.2mm
*0.4mm thickness range
*varies based on material
*STC only 2 thickness



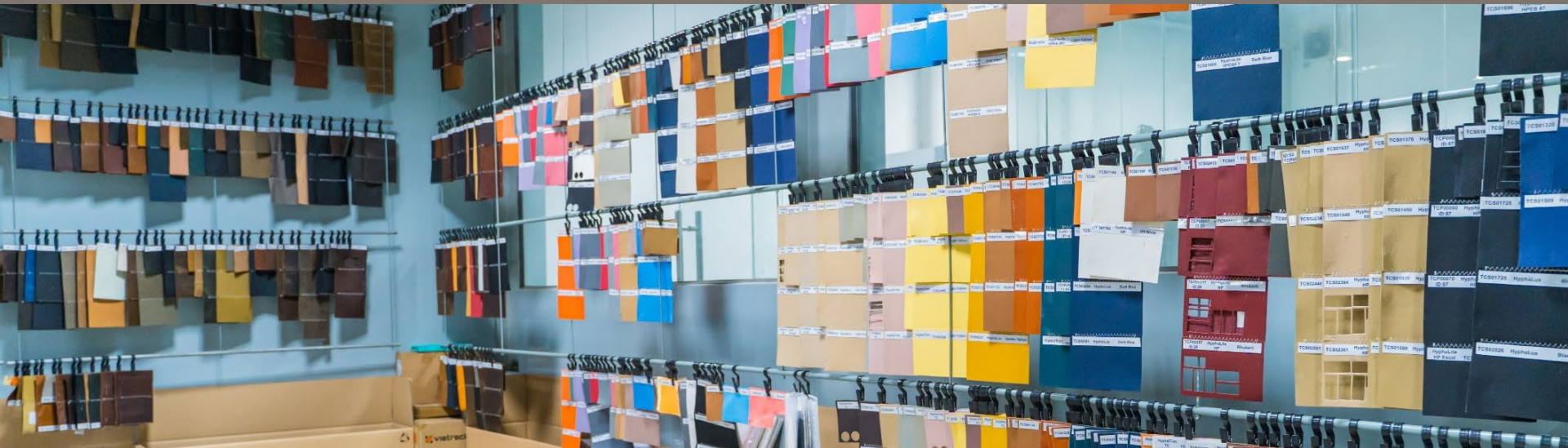
5. MOQ

Sample: none
Production: 1,500 sqf



6. Lead Time

Sample: 2 weeks
Production: 4 weeks



ISA nextgenmaterials

ISA INDUSTRIAL LTD.

MACAU (CHINA) | USA | VIETNAM | CHINA | HONG KONG (CHINA)

www.isanextgenmaterials.com



LITE

Color Palette

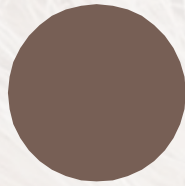
HyphaLite



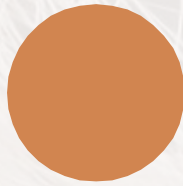
Black



Demitasse



Clove



Nugget



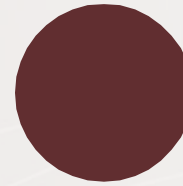
Irish Cream



Light Yellow



Brook Green



Rhubarb



Thunder Purple



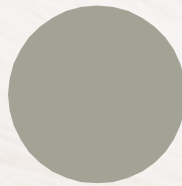
Blue Depths



Dark Green



Alloy



Light Green



Blizzard



Sunset



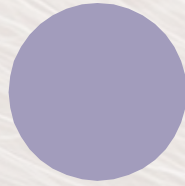
Luscious Red



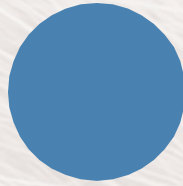
Scarlett



Pink



Digital Lavender



Tranquil Blue

TerraLite



Scarlett



Orange



Yellow



Marigold



Grey



Blue



White



Partner with Us

ISA is proud to offer specialized, creative marketing and co-branding services. Our in-house marketing team can work with you to create visually striking and informative digital and on-product sales tools. These complimentary services will ensure the best possible message resonates with your consumer.

Social Media



Web Banners



Box Inserts



Hang Tags

