



# COSM<sup>TM</sup>

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.

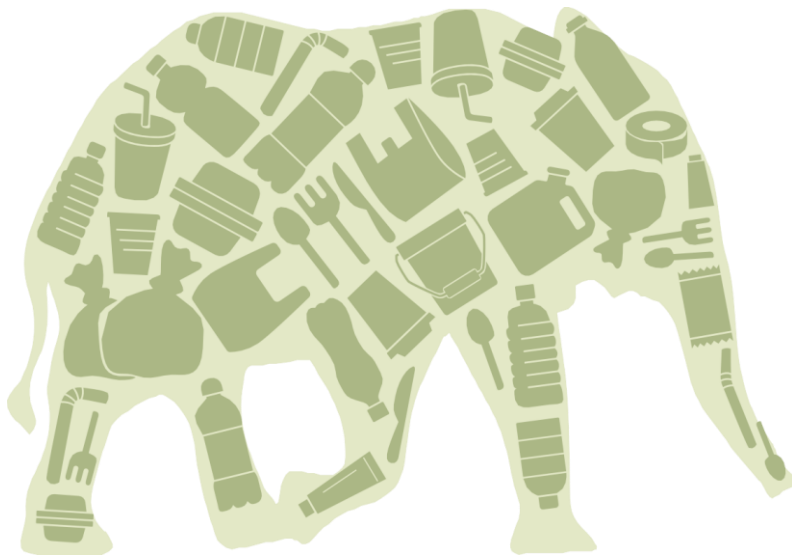
## Our Commitment

- 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
- Existing sales 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.



ISA nextgenmaterials

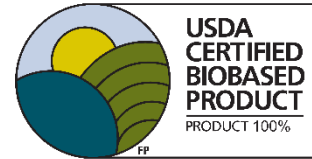
ISA INDUSTRIAL LTD. MACAU (CHINA) | USA | VIETNAM | CHINA | HONG KONG (CHINA) [www.isanextgenmaterials.com](http://www.isanextgenmaterials.com)



## • USDA Certified Biobased

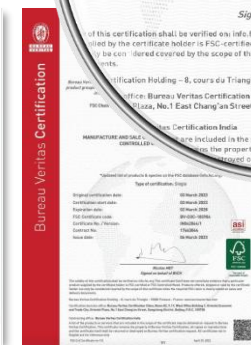
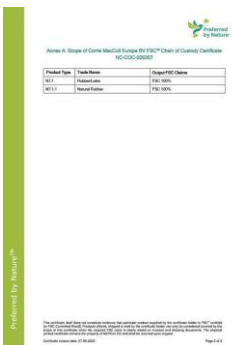
The plant based components in our COSM materials are completely natural and allow the product to be classified as bio-based. The biobased content has been 3rd party certified by the USDA.

*\*biobased content varies by article*



## • FSC/VFSC Certified

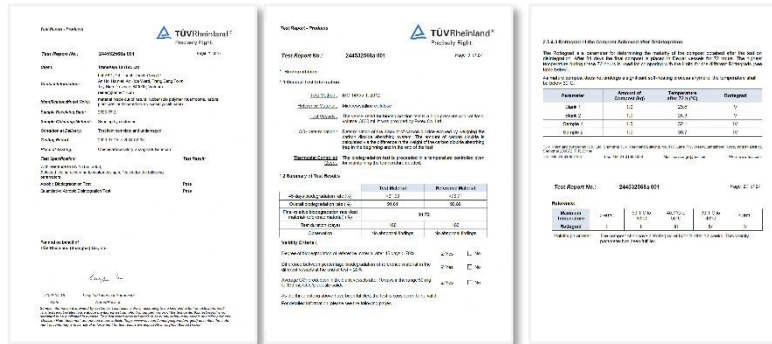
All natural rubber, pulp & fiber units are Forest Stewardship Council certified with leading sustainable forestry practices stressing responsible sourcing of raw material from forests.



\*Certification Deck available upon request

- Biodegradable and Compostable**

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





zero plastic | washable | biodegradable | breathable

## 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.

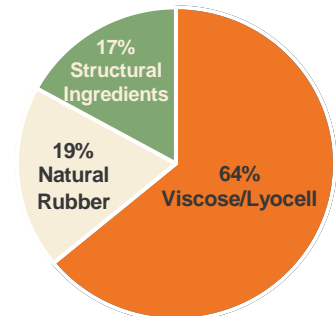
Bio Content: **100%**

Thickness: **0.9 - 2.2mm\***

Colors: **HyphaLite Color Palette**

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

\*embossed version available in 0.9-1.8mm only



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HyphaLite TC Milled  
Light Yellow

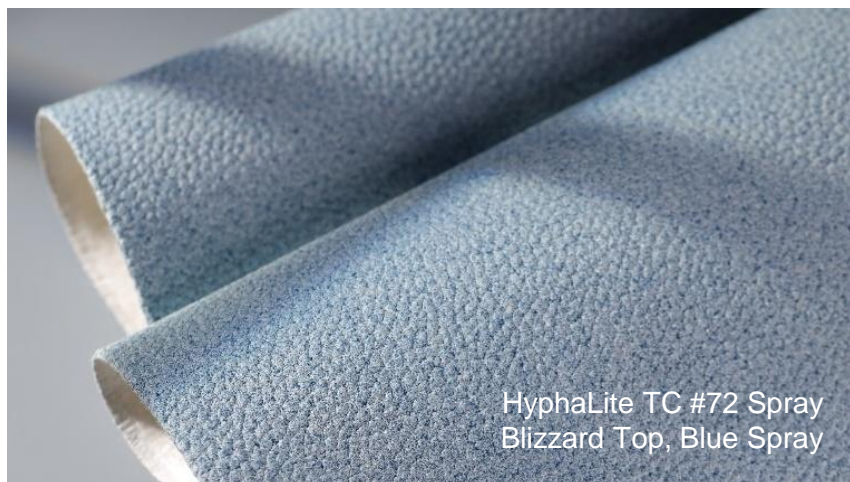


HyphaLite TC #72  
Blue Depths



shoes: HyphaLite TC #72 Irish Cream





HyphaLite TC #72 Spray  
Blizzard Top, Blue Spray



HyphaLite TC #105  
Luscious Red



shoes: HyphaLite TC #72 Spray  
Black Top, White Spray



shoes: HyphaLite TC #105 Blizzard





zero plastic | washable | soft | breathable | biodegradable

## HyphaLite STC

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

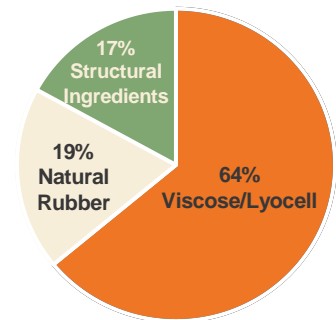
S = Soft. Our STC version of HyphaLite offers a softer and drapier feel. This version is available in thinner version from 0.4 - 0.8 mm and 0.9 - 1.3 mm.

Bio Content: **100%**

Thickness: **0.4 - 1.3mm**

Colors: **HyphaLite Color Palette**

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





HyphaLite STC Milled  
Thunder Purple



HyphaLite STC #72  
Blizzard



shoes: HyphaLite STC #72  
Luscious Red



# HyphaLite Capsule

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

The Capsule collection offers a variety of paint splatter color combinations to create unique looks.

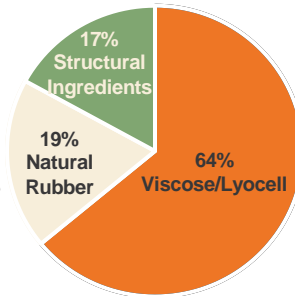
Available in all thicknesses.

Bio Content: **100%**

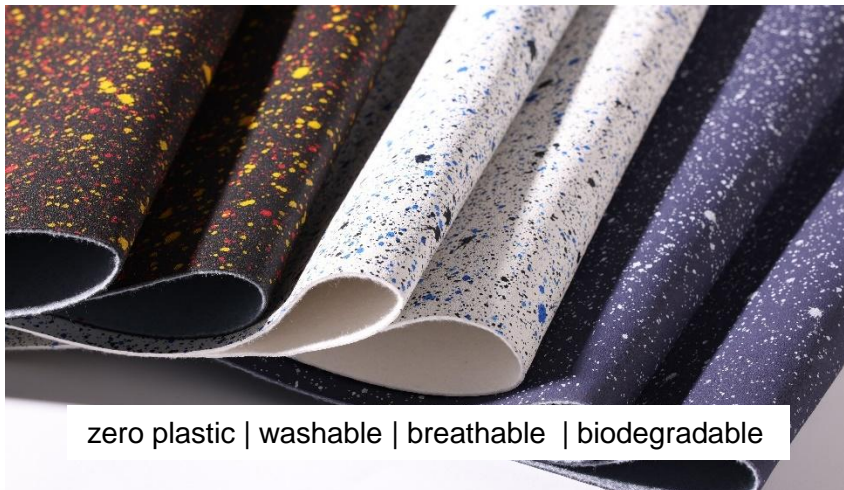
Thickness: **0.9 - 2.2mm**

Colors: **HyphaLite Capsule Color Palette**

Textures: **Smooth, Milled or Embossed**



shoes: HyphaLite Capsule  
Blizzard + Black/ Blue/  
Red/ Yellow Splatter





# HyphaLite Antique

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

The Antique look offers color contrast options allowing for a variety of surface interest.

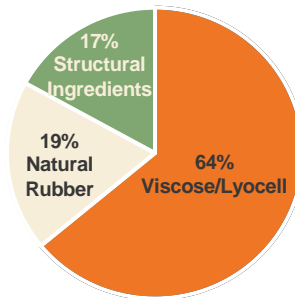
Available in all thicknesses.

Bio Content: **100%**

Thickness: **0.9 - 2.2mm**

Colors: **HyphaLite Antique Color Palette**

Textures: **Smooth, Milled or Embossed**



HyphaLite Antique  
Rhubarb + Black Roller

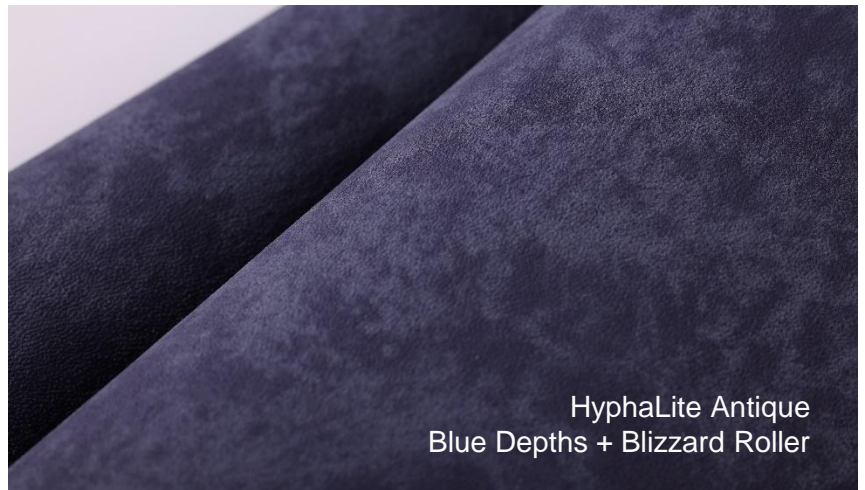


shoes: HyphaLite Antique  
Alloy + Black Roller



zero plastic | washable | breathable | biodegradable

HyphaLite Antique  
Blue Depths + Blizzard Roller



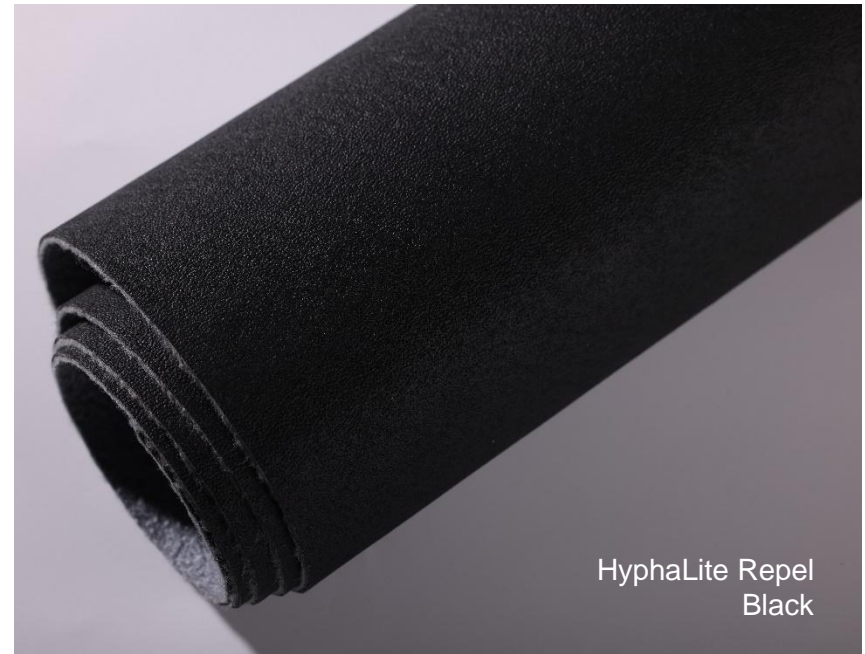
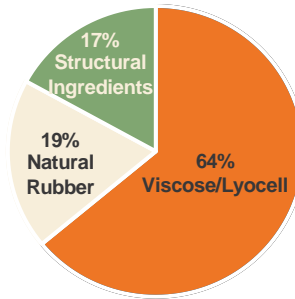
# HyphaLite Repel

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

Repel includes natural resins creating a barrier on the surface of the material which passes a standard rain test.

Available in all thicknesses.

Bio Content: **100%**  
Thickness: **0.9 - 2.2mm**  
Colors: **HyphaLite Color Palette**





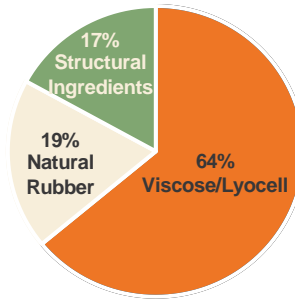
# HyphaLite Nubuck

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

Nubuck is a special take on a velvety surface creating a soft touch and subtle tracking.

Available in all thicknesses.

Bio Content: **100%**  
Thickness: **0.9 - 2.2mm**  
Colors: **HyphaLite Color Palette**



shoes: HyphaLite Nubuck Alloy



HyphaLite Nubuck  
Blizzard / Black

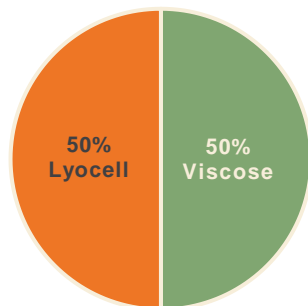
zero plastic | washable | breathable | biodegradable



# TerraLite & TerraLite Lining

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.

Bio Content: **100%**  
Thickness: **0.9 - 1.8mm**  
Colors: **TerraLite Color Palette**  
Textures: **Smooth or Antiqued**



shoes:  
TerraLite White

## TerraLite Color Palette

Scarlett

Orange

Yellow

Marigold

Grey

Blue

White

# Ordering Info



## 1. Material

HyphaLite TC  
HyphaLite STC  
HyphaLite Capsule  
HyphaLite Antique  
HyphaLite Repel  
HyphaLite Nubuck  
TerraLite  
TerraLite Antique  
Terralite Lining



## 2. Texture

Smooth  
Embossed  
Milled  
Spray



## 3. Color

HyphaLite Color Palette  
TerraLite Color Palette



## 4. Thickness

0.4mm thickness range  
0.9 - 1.3mm  
1.4 - 1.8mm  
1.8 - 2.2mm

STC only 2 thicknesses:  
0.4 - 0.8mm  
0.9 - 1.3mm



## 5. MOQ

Sample: none  
Production: 1,500 sqf



## 6. Lead Time

Sample: 2 weeks  
Production: 4 weeks

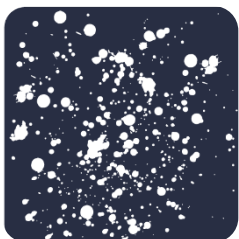


# HyphaLite Color Palette

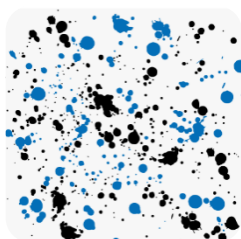




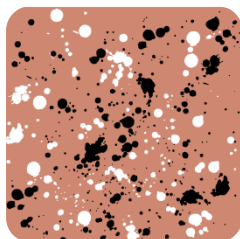
## HyphaLite Capsule Color Palette



Blue Depths +  
White Splatter



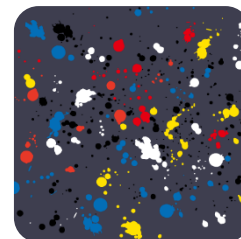
Blizzard +  
Black/ Blue Splatter



Fusion Coral +  
Black/ White Splatter



Blizzard + Black/ Blue/  
Orange/ Yellow Splatter



Deep Navy + Black/  
Blue/ White/ Orange/  
Yellow Splatter

### Splatter Colors:

Black

Blue

Orange

Yellow

White

1. Select the base color from our main HyphaLite Color Palette.
2. Select up to 5 splatter colors from the options.

## HyphaLite Antique Color Palette



Irish Cream +  
Beige Hush Roller



Deep Navy +  
Tranquil Blue Roller



Coffee Brown +  
Starfish Roller

1. Select the base color from our main HyphaLite Color Palette.
2. Select the top roller color from our main HyphaLite Color Palette.

# 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

