



THE CABLE THAT SURPASSES THE LIVING PRODUCT CHALLENGE

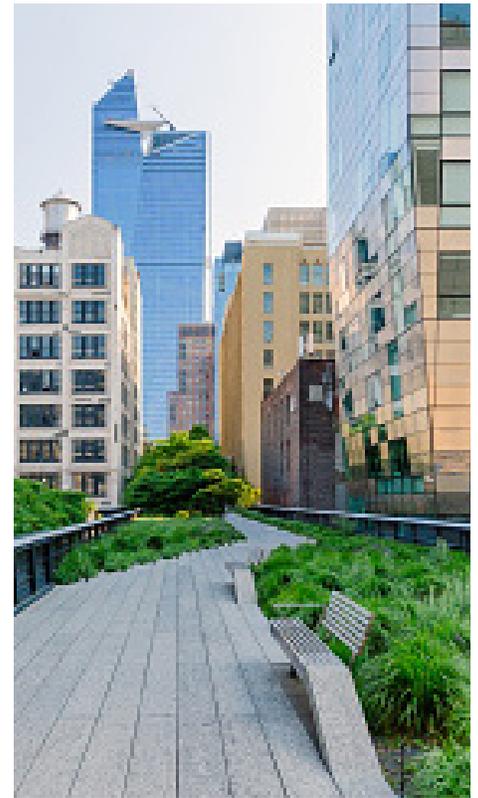


The Living Product Challenge (LPC) certification defines the most advanced criteria for the creation of sustainable products. At its core, this standard proposes that manufacturers make product design and production an opportunity to positively impact human and ecological communities worldwide.

Living Products are defined as products that meet the three following standards:

- Healthy, and free of toxins
- Socially responsible, and respectful of the rights of workers
- Net positive, with benefits for both people and the environment

At Superior Essex, our goal for achieving this certification was not only to enable our sustainable cable products to contribute to a variety of green-building standards, but also to continue to drive change in our industry and beyond by demonstrating the value of sustainability and environmentally-conscious products and practices.



Living Product LABEL

Superior Essex
Category 6+ LSHF Cable

Manufacturing Location:
Hoisington, Kansas, US

2/2	Place	Life Expectancy: 30 Years	Imperative Certified
0/1	Water	End of Life Options: Salvageable/Reusable in its Entirety, Recyclable (95%)	Petals Met: Place
0/1	Energy	Recycled Content: 00%	
0/2	Health	Bio-Based Material: 00%	
4/7	Materials	Functional Unit: 100 feet of cable	11/20
3/4	Equity		
2/3	Beauty		

Carbon Impact

CO₂

7.892 Kg CO₂ Eq

Water Impact

H₂O

0.263 m³

Energy Impact

MJ

160.5 MJ Eq

Waste Impact

WASTE

100% Diversion Rate

Declare.

Ingredients: Copper, Ethylene/hexene-1 copolymer, Polyethylene, Limestone, Titanium Dioxide, C.I. Pigment Blue 15, Ferric Oxide, 1H-Isindol-1-one, 3,3'-(1,4-phenylenedimino) bis(4,5,6,7-tetrachloro-Aluminum Powder, Phthalocyanine Green, 2,2'-(3,3'-Dichloro(1,1'-Biphenyl)-4,4'-Diyl)bis(Azo)) Bis(N-Methylphenyl)-3-Oxobutamide), 2-Naphthalenecarboxylic Acid, 4-(2-Chloro-4-Methyl-2-Sulphophenylazo)-3-Hydroxy-, Barium Salt (1:1) (9CI), Alumina Trihydrate, Ethylene Acetate Polymer (EVA), White Mineral Oil, Carbon Black, Proprietary Ingredients (5-21.1%)* **

*LPC Temp Exception 107-E3 Innovative Material Inventory
**LBC Temp Exception 110-E4 Proprietary Ingredients <1%

Declaration Status: LBC Compliant

SPX-LP001
EXP. 09/12/2020

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/lpc

THE FIRST AND ONLY RED LIST FREE COMMUNICATIONS CABLE MANUFACTURER

In keeping with our commitment to creating optimized products that reduce impacts on human health, we designed and manufactured new cable products that increase occupant wellbeing by eliminating Red List ingredients from their chemical composition – all while continuing to always deliver the high performance and reliability our customers have come to know and expect from our products.

Our Red List Free cables:

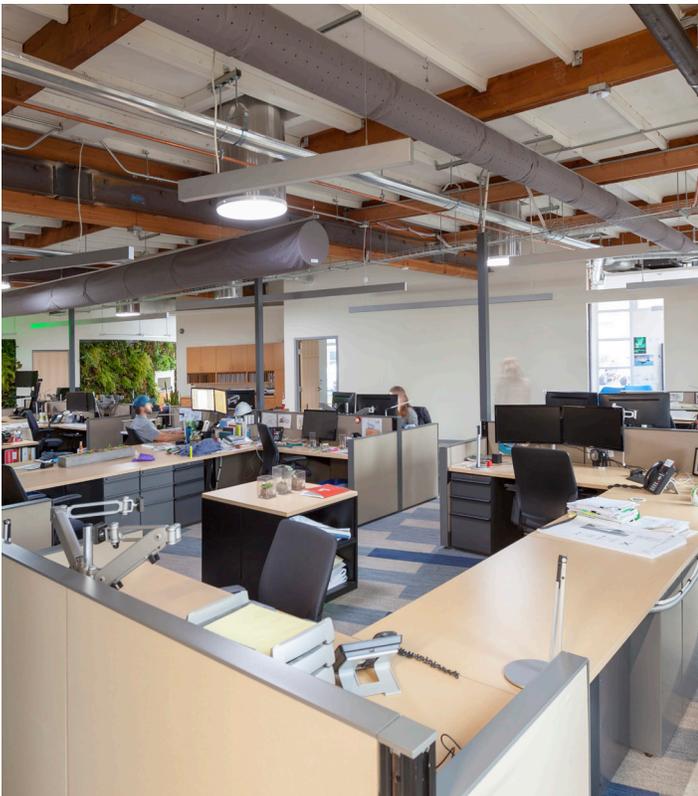
- Support in-building communications, data centers, security and access controls, as well as the remote powering and controlling of intelligent devices
- Feature UL CMR listings, allowing for riser installations
- Stand as the first and only cables of their type to be produced in a certified Zero Waste to Landfill facility
- Feature externally verified Environmental Product Declarations (EPDs) and third-party verified Health Product Declarations (HPDs)

CABLING COUNTS FOR YOUR GREEN BUILDING PROJECTS

A Living Product Challenge certification allows our Category 6+ Low-Smoke Halogen-Free (LSHF) cable to contribute toward numerous green-building standards including LEED v4 and v4.1, the Living Building Challenge and the WELL Building Standard v1 and v2. Here's how:

- LEED v4 and v4.1: Material Ingredient Reporting Option 1
- Living Building Challenge: LPC-certified products count double toward the requirement for one Declare label per 500 square meters of gross building area (i.e., 1 LPC product counts as 2 Declare labels)
- WELL Building Standard v1: LPC-certified products contribute toward Feature 26 and Feature 97
- WELL Building Standard v2: LPC-certified products contribute toward Material Features X08- Limit Hazardous Materials, Feature X13- Enhanced Materials Precaution and Feature X14- Materials Transparency

Superior Essex is the only communications cable manufacturer to contribute credits toward earning LBC certification, and our Cat 6+ LSHF cable is one of very few products to achieve this rigorous, industry-leading certification.



Read our Arch Nexus Case Study on our website to learn more about how our sustainable cable can connect your project.

CHANGING THE WAY WE CONNECT THE WORLD

With products that are produced and deployed around the globe, Superior Essex is committed to understanding how those products interact with our human health and shared environment, as well as ensuring that those interactions are positive. As a company, we recognize the value that sustainability brings to the customers, industries and communities we serve, and we remain dedicated to continuing our sustainable efforts and product offerings.

“We firmly believe that the technology that interconnects the world should also respect it.”

// Brad R. Johnson,
President, Superior Essex Communications
