

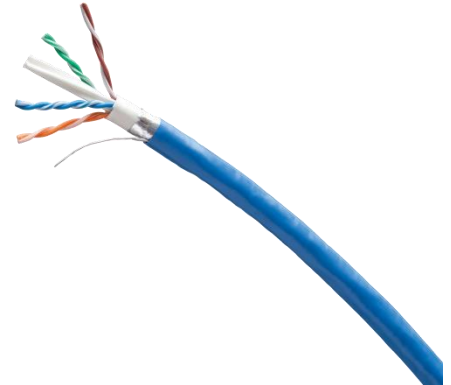


Product Lens

a materials health assessment

COMPANY AND PRODUCT INFO

Issued to	Belden
Description	10GX™ Category 6A, Riser Rated F/UTP Shielded, 4 Pair
For the Products	Part Numbers: 10GX52Fxxx, 10GX62Fxxx
Certification Period	January 2017- January 2019
Assessor	MBDC basis methodology v3.1*



Qualifications

- LEED BPDO Credit: Material Ingredients Option 1 Qualifies for as 1 product
- LEED BPDO Credit: Material Ingredients Option 2 Qualifies for 100% of cost

Other Achievements



MATERIALS / INGREDIENTS INFORMATION

Disclosure Level: 100 ppm 1000 ppm

The following table represents the top 93% of the material ingredient disclosure and ratings. For the full ingredient disclosure information, please see the table on the reverse side.

Materials	Result			
	Supply Chain/ MFG	Install	Use	End of Use
Copper				
PVC	I, D			I, D
Flame Retardant				
Polyolefin 1				
Polyolefin 2				
Aluminum				
FR Plasticizer	I, D			I, D
Plasticizer				
Flame Retardant	I, D			I, D

Exposure Indicator

D = Dermal, Skin
I = Inhalation, air
O = Oral, mouth

*No Indicator means no potential exposure scenario identified

Color Ratings

Green	Low or mild hazard identified and/or potential exposure
Yellow	Moderate hazard identified and/or potential exposure
Red	Problematic concern found. The combination of the hazard and potential exposure leads to some caution for some uses and/or applications.
Grey	Cannot be fully assessed due to either lack of complete formulation, or lack of toxicological information for one or more ingredients.
Black	Highly problematic material containing one or more chemicals classified as CMR and having a plausible route of exposure.

Go to ul.com/spg to view the full, detailed materials ingredient list

www.belden.com

Sustainability@belden.com

1-800-BELDEN1



*Methodology based on Cradle to Cradle Certified™ Product Material Health Assessment Methodology v3.1



CERTIFIED

PRODUCT LENS MATERIALS
TRANSPARENCY AND
DISCLOSURE
VIEW SPECIFIC INGREDIENTS
AND EVALUATIONS:
UL.COM/PL

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Material	CAS Number	Role	%	MFG	Install	Use	End of Use	Comment
Copper	7440-50-8	Conductor	30-32					Highly toxic to aquatic organisms; however, this material is acceptable for use in all phases due to limited exposure opportunity to biosphere.
PVC	9002-86-2	Jacket and Colorant	18-19.5	I.D			I.D	Lifecycle concerns around use of halogenated polymers.
Flame Retardant	Proprietary	Jacket	12.5-13.5					Some chronic toxicity concerns, but little risk as used in this product.
Polyolefin 1	Proprietary	Insulation	7.5-8.5					Little to no risk across all product phases
Polyolefin 2	Proprietary	Various components	2.4-4.7					Little to no risk across all product phases
Aluminum	7429-90-5	Tape	4.2-4.5					Some neurotoxicity concerns, but little risk as used in this product.
FR Plasticizer	Proprietary	Jacket	3.5-3.7	I.D			I.D	Lifecycle concerns around use of halogenated polymers.
Plasticizer	Proprietary	Jacket	3.3-3.4					Acceptable for use in all product phases
Flame Retardant	Proprietary	Xweb	1.5-2.5	I.D			I.D	Lifecycle concerns around use of halogenated polymers.
Proprietary	Proprietary	Jacket	1.5-2.0					CMR - Reproductive toxin (CA Prop 65)
Proprietary	Proprietary	Jacket	1.5-2.0					Little to no risk across all product phases
PET	25038-59-9	Binder/Ripcord	1.3-1.5					Little to no risk across all product phases
Proprietary	Proprietary	Xweb	0-1.4					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.7-0.9					Suspected human carcinogen (CA Prop 65, IARC Group 2B, MAK Group 2)
Proprietary	Proprietary	Jacket	0.6-0.7					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.3-0.6					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.4-0.6					Severe damage to eyes possible during manufacturing phase; little to no risk across all other use phases
Proprietary	Proprietary	Xweb	0.3-0.4					CMR-Reproductive toxin
Proprietary	Proprietary	Jacket	0.2-0.3					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.2-0.3					Little to no risk across all product phases
Proprietary	Proprietary	Jacket and Colorant	0.15-0.25					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.1-0.2					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.14					Little to no risk across all product phases
Colorant	Proprietary	Jacket and Colorant	0.09-0.12					Little to no risk across all product phases
Proprietary	Proprietary	Tape Adhesive	0.1					Unknown
Proprietary	Proprietary	Xweb	<0.1					Little to no risk across all product phases
Proprietary	Proprietary	Jacket colorant	<0.1					Little to no risk across all product phases
Proprietary	Proprietary	Xweb/Tape	<0.1					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	<0.1					High aquatic toxicity so care should be taken during the manufacturing and end of use phases to keep this substance out of the environment
Proprietary	Proprietary	Jacket	<0.1					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	<0.1					CMR - suspected endocrine disruptor and potential reproductive toxicant. (CA Prop 65)
Proprietary	Proprietary	Insulation	<0.1					Little to no risk across all product phases
Proprietary	Proprietary	Tape	<0.1					Little to no risk across all product phases
Proprietary	Proprietary	Insulation	<0.05					Little to no risk across all product phases

	Low or mild hazard identified and/or potential exposure
	Moderate hazard identified and/or potential exposure
	Problematic concern found. The combination of the hazard and potential exposure leads to some caution for some uses and/or applications.
	Cannot be fully assessed due to either lack of complete formulation, or lack of toxicological information for one or more ingredients.
	Highly problematic material containing one or more chemicals classified as CMR and having a plausible route of exposure.

