

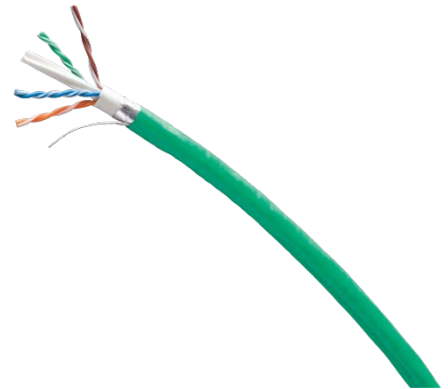


# Product Lens

a materials health assessment

## COMPANY AND PRODUCT INFO

<b>Issued to</b>	<b>Belden</b>
<b>Description</b>	10GX Shielded Plenum Rated Cable Category 6A, F/UTP, 4 Pair, CMP
<b>For the Products</b>	Part Numbers: 10GX63Fxxx
<b>Certification Period</b>	November 2016- November 2018
<b>Assessor</b>	<b>MBDC</b> 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 96% 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				
FEP	I,D			I,D
PVC	I,D			I,D
Flame Retardant				
Aluminum				
Flame Retardant	I,D			I,D
Plasticizer				
Plasticizer				
Plasticizer				

### Exposure Indicator

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

\*No Indicator means no potential exposure scenario identified

### Color Ratings

	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.

Go to [ul.com/spg](http://ul.com/spg) to view the full, detailed materials ingredient list

[www.belden.com](http://www.belden.com)

[Sustainability@belden.com](mailto: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

# Product Lens

a materials health assessment

Material	CAS Number	Role	%					Comment
				MFG	Install	Use	End of Use	
Copper	7440-50-8	Conductor	27-30					Highly toxic to aquatic organisms; however, this material is acceptable for use in all phases due to limited exposure opportunity to biosphere.
FEP	25067-11-2	Insulation/Xweb/Colorant Additive	22-25	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
PVC	9002-86-2	Jacket/Colorants	14.4-17.7	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Flame Retardant	Proprietary	Jacket/Colorants	12.2-15.2					Some chronic toxicity concerns, but little risk as used in this product.
Aluminum	7429-90-5	Tape	3.6-4.0					Some neurotoxicity concerns, but little risk as used in this product.
Flame Retardant	Proprietary	Jacket	2.67	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Plasticizer	Proprietary Mixture	Jacket	0.9-2.0					High aquatic toxicity so care should be taken during beginning and end phases to keep out of biosphere.
Plasticizer	Proprietary	Jacket	1.5-2.0					Acceptable for use in all product phases
Plasticizer	Proprietary	Jacket	0.7-1.9					Little to no risk across all product phases
Tinned copper	NA	Conductor	1.5-1.9					Highly toxic to aquatic organisms; however, this material is acceptable for use in all phases due to limited exposure opportunity to biosphere.
Flame Retardant	Unknown	Jacket	1.0-1.5					Unknown
Proprietary	Proprietary	Jacket	<1.10					Suspected human carcinogen
PET	25038-59-9	Binder/Ripcord	0.8-1.0					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	<0.85	D				Severe damage to eyes possible during manufacturing phase; little to no risk across all other use phases
Proprietary	Proprietary	Jacket	0.1-0.8					Little to no risk across all product phases
Stabilizer Mixture	Proprietary	Jacket	<0.73	D				Severe damage to eyes possible during manufacturing phase; little to no risk across all other use phases
Proprietary	Proprietary	Jacket	0.4-0.7					Reproductive toxin
Proprietary	Proprietary	Jacket	0.3-0.5					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.3-0.5					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.2-0.4					CMR - reproductive toxin.
Proprietary	Proprietary	Jacket	0.2-0.4					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.2-0.4					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	<0.243					Reproductive toxin
Lubricant	Proprietary	Jacket	0.1-0.2					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	>=0.1					High aquatic toxicity so care should be taken during beginning and end phases to keep out of biosphere.
Proprietary	Proprietary	Jacket	>=0.1					High aquatic toxicity so care should be taken during beginning and end phases to keep out of biosphere.
Proprietary	Proprietary	Jacket	>=0.1					High aquatic toxicity so care should be taken during beginning and end phases to keep out of biosphere.
Proprietary	Proprietary	Jacket	>=0.1					Inhalation hazard for pure substance, but little to no risk expected as used in this product
Proprietary	Proprietary	Jacket	>0.1					Little to no risk across all product phases
PU Thermoset Adhesive	Unknown	Tape	>0.1					Unknown
Proprietary	Proprietary	Jacket	>0.1					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	>0.1					Little to no risk across all product phases
Proprietary	Proprietary	Tape	>.05					Little to no risk across all product phases
Colorant	Proprietary	Jacket/Colorants	>.05					Little to no risk across all product phases
Proprietary	Proprietary	Colorant	>.05					Little to no risk across all product phases
Pigment Blue	Proprietary	Colorant	>.05					Can catalyze dioxin formation during incineration of PVC

	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.

