



SILFLEX® FBP Control Cable for Food & Beverage Applications



Overview

LUTZE SILFLEX® FBP control cable from AutomationDirect is available with 20AWG to 12AWG size conductors in shielded or unshielded versions. LUTZE SILFLEX® FBP cables are the ultimate solution to the challenges that today's food and beverage machine builders and processing companies face. All LUTZE SILFLEX® FBP cables meet both UL and FDA requirements, streamlining inspections and reducing the need for exceptions to 21 CFR. LUTZE's patent-pending food safe design reduces cabling as a contamination risk. The resistance to commonly used cleaning agents was third party evaluated by Ecolab. Reduced cable diameters allow for easy routing and installation in conduit. Cables may be run without conduit in some areas due to the external wiring approval, washdown certification, and food-contact rating. Cut to length in 1-foot increments with a 20-foot minimum length.



Features

- 20AWG to 12AWG, including an equal size ground
- Unshielded or shielded constructions
- Safe for food contact per 21 CFR
- Used in contact and splash zones for food and beverage applications per FDA guidelines
- Phthalate free jacket
- Certified by Ecolab for resistance to the most common cleaning agents
- Resistant to oils and fats that are common to food processing
- Reduced diameter design allows for easy routing and installation in conduit
- Flexible stranding makes installation and routing easy
- Low capacitance insulation for control cables
- Compliant with California Proposition 65
- Cut to length in 1-foot increments
- Low 20-foot minimum length
- Made in the USA





20 Gauge SILFLEX® FBP Food and Beverage Rated Control Cable (Unshielded)

20 Gauge SILFLEX® FBP Control Cable Specifications (Unshielded)			
Conductor Gauge & Stranding	20AWG 10/30 bare copper, Class K	Applicable Standards	FDA 21 CFR 175.300
Voltage Rating	1000V 90C UL AWM 20886		NFPA 79 12.9 Compliant
			UL 758 - AWM Style 20886
			CSA C22.2 No. 210 - CSA AWM I/II A/B
Static Operating Temperature	-40°C to 90°C (-40°F to 194°F)	Approvals*	UL (E197090)
Jacket Material	Black Phthalate free proprietary thermoplastic polymer	Sample Print Legend	WWW.LUTZE.COM PART# XXXXXXXX Silflex FBP E197090 cRUus AWM 90C 1000V AMW I/II A/B 90C 1000V FT1 CE ROHS PHTHALATE FREE JACKET CE-46 2027 MADE IN USA XXXXXX FT
Conductor Colors	Black with white numbers and green/ yellow ground		
Conductor Insulation	Polypropylene		
Conductor Markings	#1-ONE", "2-TWO", "3-THREE", etc... @ 4.5 inch intervals, ICEA Method 4		
UL Temperature Rating	90°C (194°F)		
Min. Bend Radius	4x diameter		
Flame Rating	UL 1581		
* To obtain the most current agency approval information, see Agency Approval Checklist section on the specifict part number's web page at www. AutomationDirect.com			

20 Gauge SILFLEX® FBP Control Cable (Unshielded)													
Part Number	Number of Conductors (includes ground)	AWG	Strand	Overall Conductor Insulation Thickness (Mils)	Overall Jacket Thickness (Mils)	Nominal O.D. (Inches ±10%)	Minimum Installed Bend Radius (inches)*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot			
													
A6012003-1	3	20	10	13	32	0.203	0.812	20	0.03	\$1.11			
A6012004-1	4					0.219	0.876	20	0.03	\$1.30			
A6012005-1	5					0.237	0.948	20	0.04	\$1.54			
A6012007-1	7					0.255	1.020	20	0.05	\$1.89			
A6012012-1	12				38	0.339	1.356	20	0.08	\$2.91			
A6012018-1	18					0.391	1.564	20	0.11	\$4.19			
A6012025-1	25					0.448	1.792	20	0.14	\$5.62			
* Installed bend radius ≥ 4x diameter													
** See web store for maximum cut lengths													





18 Gauge SILFLEX® FBP Food and Beverage Rated Control Cable (Unshielded)

18 Gauge SILFLEX® FBP Control Cable Specifications (Unshielded)			
Conductor Gauge & Stranding	18AWG 16/30 bare copper, Class K	Applicable Standards	FDA 21 CFR 175.300
Voltage Rating	1000V 90C UL AWM 20886		NFPA 79 12.9 Compliant
Static Operating Temperature	-40°C to 90°C (-40°F to 194°F)		UL 758 - AWM Style 20886
Jacket Material	Black Phthalate free proprietary thermoplastic polymer	Approvals**	CSA C22.2 No. 210 - CSA AWM I/II A/B
Conductor Colors	Black with white numbers and green/ yellow ground	Sample Print Legend	UL (E197090)
Conductor Insulation	Polypropylene		WWW.LUTZE.COM PART# XXXXXXXX Silflex FBP E197090 cRUus AWM 90C 1000V AMW I/II A/B 90C 1000V FT1 CE ROHS PHTHALATE FREE JACKET CE-46 2027 MADE IN USA XXXXXX FT
Conductor Markings	#1-ONE, "2-TWO", "3-THREE", etc... @ 4.5 inch intervals, ICEA Method 4		
UL Temperature Rating	90°C (194°F)		
Min. Bend Radius	4x diameter		
Flame Rating	UL 1581		

18 Gauge SILFLEX® FBP Control Cable (Unshielded)										
Part Number	Number of Conductors (includes ground)	AWG	Strand	Overall Conductor Insulation Thickness (Mils)	Overall Jacket Thickness (Mils)	Nominal O.D. (Inches ± 10%)	Minimum Installed Bend Radius (inches)*	Minimum Cut Length (ft)*	Approximate Weight (lb/ft)	Price per foot
A6011803-1	3	18	16	13	32	0.229	0.916	20	0.04	\$1.27
A6011804-1	4					0.248	0.992	20	0.05	\$1.52
A6011805-1	5					0.269	1.076	20	0.06	\$2.10
A6011807-1	7				38	0.303	1.212	20	0.08	\$2.57
A6011809-1	9					0.349	1.396	20	0.10	\$3.28
A6011812-1	12					0.389	1.556	20	0.12	\$3.81
A6011818-1	18					0.448	1.792	20	0.18	\$5.50
A6011825-1	25					0.539	2.156	20	0.24	\$7.46

*See webstore for maximum cut lengths





16 Gauge SILFLEX® FBP Food and Beverage Rated Control Cable (Unshielded)

16 Gauge SILFLEX® FBP Control Cable Specifications (Unshielded)			
Conductor Gauge & Stranding	16AWG 26/30 bare copper, Class K	Applicable Standards	FDA 21 CFR 175.300
Voltage Rating	1000V 90C UL AWM 20886		NFPA 79 12.9 Compliant
			UL 758 - AWM Style 20886
Static Operating Temperature	-40°C to 90°C (-40°F to 194°F)	Approvals**	UL (E197090)
Jacket Material	Black Phthalate free proprietary thermoplastic polymer	Sample Print Legend	WWW.LUTZE.COM PART# XXXXXXXX Silflex FBP E197090 cRUus AWM 90C 1000V AMW I/II A/B 90C 1000V FT1 CE ROHS PHTHALATE FREE JACKET CE-46 2027 MADE IN USA XXXXXX FT
Conductor Colors	Black with white numbers and green/yellow ground		
Conductor Insulation	Polypropylene		
Conductor Markings	#1-ONE", "2-TWO", "3-THREE", etc... @ 4.5 inch intervals, ICEA Method 4		
UL Temperature Rating	90°C (194°F)		
Min. Bend Radius	4x diameter		
Flame Rating	UL 1581		

16 Gauge SILFLEX® FBP Control Cable (Unshielded)										
Part Number	Number of Conductors (includes ground)	AWG	Strand	Overall Conductor Insulation Thickness (Mils)	Overall Jacket Thickness (Mils)	Nominal O.D. (Inches ± 10%)	Minimum Installed Bend Radius (inches)*	Minimum Cut Length (ft)*	Approximate Weight (lb/ft)	Price per foot
A6011603-1	3	16	26	13	32	0.253	1.012	20	0.05	\$1.48
A6011604-1	4					0.274	1.096	20	0.06	\$2.10
A6011605-1	5					0.298	1.192	20	0.07	\$2.48
A6011607-1	7				38	0.336	1.344	20	0.1	\$3.28
A6011612-1	12				42	0.443	1.772	20	0.16	\$5.29
A6011618-1	18					0.514	2.056	20	0.22	\$7.39
A6011625-1	25				48	0.604	2.416	20	0.31	\$10.16

*See webstore for maximum cut lengths



14 Gauge SILFLEX® FBP Food and Beverage Rated Control Cable (Unshielded)

14 Gauge SILFLEX® FBP Control Cable Specifications (Unshielded)			
Conductor Gauge & Stranding	14AWG 41/30 bare copper, Class K	Applicable Standards	FDA 21 CFR 175.300
Voltage Rating	1000V 90C UL AWM 20886		NFPA 79 12.9 Compliant
			UL 758 - AWM Style 20886
			CSA C22.2 No. 210 - CSA AWM I/II A/B
Static Operating Temperature	-40°C to 90°C (-40°F to 194°F)	Approvals*	UL (E197090)
Jacket Material	Black Phthalate free proprietary thermoplastic polymer	Sample Print Legend	WWW.LUTZE.COM PART# XXXXXXXX Silflex FBP E197090 cRUus AWM 90C 1000V AMW I/II A/B 90C 1000V FT1 CE ROHS PHTHALATE FREE JACKET CE-46 2027 MADE IN USA XXXXXX FT
Conductor Colors	Black with white numbers and green/ yellow ground		
Conductor Insulation	Polypropylene		
Conductor Markings	#1-ONE", "2-TWO", "3-THREE", etc... @ 4.5 inch intervals, ICEA Method 4		
UL Temperature Rating	90°C (194°F)		
Min. Bend Radius	4x diameter		
Flame Rating	UL 1581		
* To obtain the most current agency approval information, see Agency Approval Checklist section on the specifict part number's web page at www. AutomationDirect.com			

14 Gauge SILFLEX® FBP Control Cable (Unshielded)										
Part Number	Number of Conductors (includes ground)	AWG	Strand	Overall Conductor Insulation Thickness (Mils)	Overall Jacket Thickness (Mils)	Nominal O.D. (Inches ± 10%)	Minimum Installed Bend Radius (inches)*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
										
A6011403-1	3	14	41	16	38	0.310	1.240	20	0.07	\$2.45
A6011404-1	4					0.336	1.344	20	0.09	\$2.69
A6011405-1	5				42	0.367	1.468	20	0.11	\$3.70
A6011407-1	7					0.419	1.676	20	0.15	\$4.87
A6011412-1	12					0.542	2.168	20	0.24	\$7.77
* Installed bend radius ≥ 4x diameter										
** See web store for maximum cut lengths										



12 Gauge SILFLEX® FBP Food and Beverage Rated Control Cable (Unshielded)

12 Gauge SILFLEX® FBP Control Cable Specifications (Unshielded)			
Conductor Gauge & Stranding	12AWG 65/30 bare copper, Class K	Applicable Standards	FDA 21 CFR 175.300
Voltage Rating	1000V 90C UL AWM 20886		NFPA 79 12.9 Compliant
			UL 758 - AWM Style 20886
			CSA C22.2 No. 210 - CSA AWM I/II A/B
Static Operating Temperature	-40°C to 90°C (-40°F to 194°F)	Approvals*	UL (E197090)
Jacket Material	Black Phthalate free proprietary thermoplastic polymer	Sample Print Legend	WWW.LUTZE.COM PART# XXXXXXXX Silflex FBP E197090 cRUus AWM 90C 1000V AMW I/II A/B 90C 1000V FT1 CE ROHS PHTHALATE FREE JACKET CE-46 2027 MADE IN USA XXXXXX FT
Conductor Colors	Black with white numbers and green/ yellow ground		
Conductor Insulation	Polypropylene		
Conductor Markings	#1-ONE", "2-TWO", "3-THREE", etc... @ 4.5 inch intervals, ICEA Method 4		
UL Temperature Rating	90°C (194°F)		
Min. Bend Radius	4x diameter		
Flame Rating	UI 1581		
* To obtain the most current agency approval information, see Agency Approval Checklist section on the specifict part number's web page at www. AutomationDirect.com			

12 Gauge SILFLEX® FBP Control Cable (Unshielded)										
Part Number	Number of Conductors (includes ground)	AWG	Strand	Overall Conductor Insulation Thickness (Mils)	Overall Jacket Thickness (Mils)	Nominal O.D. (Inches ± 10%)	Minimum Installed Bend Radius (inches)*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
										
A6011204-1	4	12	65	16	48	0.410	1.640	20	0.14	\$4.21
A6011205-1	5					0.447	1.788	20	0.17	\$5.61
* Installed bend radius ≥ 4x diameter										
** See web store for maximum cut lengths										



20 Gauge SILFLEX® FBP Food and Beverage Rated Control Cable (Shielded)

20 Gauge SILFLEX® FBP Control Cable Specifications (Shielded)			
Conductor Gauge & Stranding	20AWG 10/30 bare copper, Class K	Applicable Standards	FDA 21 CFR 175.300
Voltage Rating	1000V 90C UL AWM 20886		NFPA 79 12.9 Compliant
			UL 758 - AWM Style 20886
Static Operating Temperature	-40°C to 90°C (-40°F to 194°F)		CSA C22.2 No. 210 - CSA AWM I/II A/B
Jacket Material	Black Phthalate free proprietary thermoplastic polymer	Approvals*	UL (E197090)
Conductor Colors	Black with white numbers and green/ yellow ground	Sample Print Legend	WWW.LUTZE.COM PART# XXXXXXXX Silflex FBP E197090 cRUus AWM 90C 1000V AMW I/II A/B 90C 1000V FT1 CE ROHS PHTHALATE FREE JACKET CE-46 2027 MADE IN USA XXXXXX FT
Shield	Overall aluminized polyester foil shield 100% coverage & tinned copper braid 75% coverage with 20 AWG drain		
Conductor Insulation	Polypropylene		
Conductor Markings	#1-ONE", "2-TWO", "3-THREE", etc... @ 4.5 inch intervals, ICEA Method 4		
UL Temperature Rating	90°C (194°F)		
Min. Bend Radius	6x diameter		
Flame Rating	UL 1581		
* To obtain the most current agency approval information, see Agency Approval Checklist section on the specifict part number's web page at www. AutomationDirect.com			

20 Gauge SILFLEX® FBP Control Cable (Shielded)										
Part Number	Number of Conductors (includes ground)	AWG	Strand	Overall Conductor Insulation Thickness (Mils)	Overall Jacket Thickness (Mils)	Nominal O.D. (Inches ± 10%)	Minimum Installed Bend Radius (inches)*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
										
A6022003-1	3	20	10	13	32	0.233	0.932	20	0.04	\$1.97
A6022004-1	4					0.248	0.992	20	0.05	\$2.12
A6022005-1	5					0.266	1.064	20	0.05	\$2.42
A6022007-1	7				38	0.285	1.14	20	0.06	\$2.75
A6022012-1	12					0.369	1.476	20	0.1	\$4.07
A6022018-1	18					0.421	1.684	20	0.13	\$5.22
A6022025-1	25					0.486	1.944	20	0.17	\$6.58
* Installed bend radius ≥ 4x diameter										
** See web store for maximum cut lengths										



18 Gauge SILFLEX® FBP Food and Beverage Rated Control Cable (Shielded)

18 Gauge SILFLEX® FBP Control Cable Specifications (Shielded)			
Conductor Gauge & Stranding	18AWG 16/30 bare copper, Class K	Applicable Standards	FDA 21 CFR 175.300
Voltage Rating	1000V 90C UL AWM 20886		NFPA 79 12.9 Compliant
			UL 758 - AWM Style 20886
Static Operating Temperature	-40°C to 90°C (-40°F to 194°F)		CSA C22.2 No. 210 - CSA AWM I/II A/B
Jacket Material	Black Phthalate free proprietary thermoplastic polymer	Approvals*	UL (E197090)
Conductor Colors	Black with white numbers and green/ yellow ground	Sample Print Legend	WWW.LUTZE.COM PART# XXXXXXXX Silflex FBP E197090 cRUus AWM 90C 1000V AMW I/II A/B 90C 1000V FT1 CE ROHS PHTHALATE FREE JACKET CE-46 2027 MADE IN USA XXXXXX FT
Shield	Overall aluminized polyester foil shield 100% coverage & tinned copper braid 75% coverage with 20 AWG drain		
Conductor Insulation	Polypropylene		
Conductor Markings	#1-ONE", "2-TWO", "3-THREE", etc... @ 4.5 inch intervals, ICEA Method 4		
UL Temperature Rating	90°C (194°F)		
Min. Bend Radius	6x diameter		
Flame Rating	UL 1581		
* To obtain the most current agency approval information, see Agency Approval Checklist section on the specifict part number's web page at www. AutomationDirect.com			

18 Gauge SILFLEX® FBP Control Cable (Shielded)										
Part Number	Number of Conductors (includes ground)	AWG	Strand	Overall Conductor Insulation Thickness (Mils)	Overall Jacket Thickness (Mils)	Nominal O.D. (Inches ±10%)	Minimum Installed Bend Radius (inches)*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
										
A6021803-1	3	18	16	13	32	0.259	1.036	20	0.05	\$2.37
A6021804-1	4					0.289	1.156	20	0.07	\$2.66
A6021805-1	5					0.310	1.240	20	0.08	\$2.98
A6021807-1	7				38	0.333	1.332	20	0.10	\$3.61
A6021812-1	12					0.427	1.708	20	0.15	\$5.54
A6021818-1	18					0.489	1.956	20	0.20	\$7.32
A6021825-1	25					0.569	2.276	20	0.27	\$9.61
* Installed bend radius ≥ 4x diameter										
** See web store for maximum cut lengths										



16 Gauge SILFLEX® FBP Food and Beverage Rated Control Cable (Shielded)

16 Gauge SILFLEX® FBP Control Cable Specifications (Shielded)			
Conductor Gauge & Stranding	16AWG 26/30 bare copper, Class K	Applicable Standards	FDA 21 CFR 175.300
Voltage Rating	1000V 90C UL AWM 20886		NFPA 79 12.9 Compliant
			UL 758 - AWM Style 20886
Static Operating Temperature	-40°C to 90°C (-40°F to 194°F)		CSA C22.2 No. 210 - CSA AWM I/II A/B
Jacket Material	Black Phthalate free proprietary thermoplastic polymer	Approvals*	UL (E197090)
Conductor Colors	Black with white numbers and green/ yellow ground	Sample Print Legend	WWW.LUTZE.COM PART# XXXXXXXX Silflex FBP E197090 cRUus AWM 90C 1000V AMW I/II A/B 90C 1000V FT1 CE ROHS PHTHALATE FREE JACKET CE-46 2027 MADE IN USA XXXXXX FT
Shield	Overall aluminized polyester foil shield 100% coverage & tinned copper braid 75% coverage with 18 AWG drain		
Conductor Insulation	Polypropylene		
Conductor Markings	#1-ONE", "2-TWO", "3-THREE", etc... @ 4.5 inch intervals, ICEA Method 4		
UL Temperature Rating	90°C (194°F)		
Min. Bend Radius	6x diameter		
Flame Rating	UL 1581		
* To obtain the most current agency approval information, see Agency Approval Checklist section on the specifict part number's web page at www. AutomationDirect.com			

16 Gauge SILFLEX® FBP Control Cable (Shielded)										
Part Number	Number of Conductors (includes ground)	AWG	Strand	Overall Conductor Insulation Thickness (Mils)	Overall Jacket Thickness (Mils)	Nominal O.D. (Inches ± 10%)	Minimum Installed Bend Radius (inches)*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
										
A6021603-1	3	16	26	13	32	0.282	1.128	20	0.07	\$2.71
A6021604-1	4					0.316	1.264	20	0.08	\$3.14
A6021605-1	5					0.340	1.360	20	0.10	\$3.59
A6021607-1	7				38	0.366	1.464	20	0.12	\$4.48
A6021612-1	12				42	0.472	1.888	20	0.19	\$6.69
A6021618-1	18					0.556	2.224	20	0.26	\$9.04
A6021625-1	25				48	0.639	2.556	20	0.35	\$12.03
* Installed bend radius ≥ 4x diameter ** See web store for maximum cut lengths										



14 Gauge SILFLEX® FBP Food and Beverage Rated Control Cable (Shielded)

14 Gauge SILFLEX® FBP Control Cable Specifications (Shielded)			
Conductor Gauge & Stranding	14AWG 41/30 bare copper, Class K	Applicable Standards	FDA 21 CFR 175.300
Voltage Rating	1000V 90C UL AWM 20886		NFPA 79 12.9 Compliant
			UL 758 - AWM Style 20886
Static Operating Temperature	-40°C to 90°C (-40°F to 194°F)		CSA C22.2 No. 210 - CSA AWM I/II A/B
Jacket Material	Black Phthalate free proprietary thermoplastic polymer	Approvals*	UL (E197090)
Conductor Colors	Black with white numbers and green/ yellow ground	Sample Print Legend	WWW.LUTZE.COM PART# XXXXXXXX Silflex FBP E197090 cRUus AWM 90C 1000V AMW I/II A/B 90C 1000V FT1 CE ROHS PHTHALATE FREE JACKET CE-46 2027 MADE IN USA XXXXXX FT
Shield	Overall aluminized polyester foil shield 100% coverage & tinned copper braid 75% coverage with 16 AWG drain		
Conductor Insulation	Polypropylene		
Conductor Markings	#1-ONE", "2-TWO", "3-THREE", etc... @ 4.5 inch intervals, ICEA Method 4		
UL Temperature Rating	90°C (194°F)		
Min. Bend Radius	6x diameter		
Flame Rating	UL 1581		
* To obtain the most current agency approval information, see Agency Approval Checklist section on the specifict part number's web page at www. AutomationDirect.com			

14 Gauge SILFLEX® FBP Control Cable (Shielded)										
Part Number	Number of Conductors (includes ground)	AWG	Strand	Overall Conductor Insulation Thickness (Mils)	Overall Jacket Thickness (Mils)	Nominal O.D. (Inches ±10%)	Minimum Installed Bend Radius (inches)*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
										
A6021403-1	3	14	41	16	38	0.348	1.392	20	0.10	\$3.74
A6021404-1	4					0.374	1.496	20	0.12	\$4.51
A6021405-1	5				42	0.405	1.620	20	0.14	\$5.12
A6021407-1	7					0.449	1.796	20	0.18	\$6.52
A6021412-1	12					0.572	2.288	20	0.28	\$9.58
* Installed bend radius ≥ 4x diameter ** See web store for maximum cut lengths										



12 Gauge SILFLEX® FBP Food and Beverage Rated Control Cable (Shielded)

12 Gauge SILFLEX® FBP Control Cable Specifications (Shielded)			
Conductor Gauge & Stranding	12AWG /30 bare copper, Class K	Applicable Standards	FDA 21 CFR 175.300
Voltage Rating	1000V 90C UL AWM 20886		NFPA 79 12.9 Compliant
			UL 758 - AWM Style 20886
Static Operating Temperature	-40°C to 90°C (-40°F to 194°F)		CSA C22.2 No. 210 - CSA AWM I/II A/B
Jacket Material	Black Phthalate free proprietary thermoplastic polymer	Approvals*	UL (E197090)
Conductor Colors	Black with white numbers and green/ yellow ground	Sample Print Legend	WWW.LUTZE.COM PART# XXXXXXXX Silflex FBP E197090 cRUus AWM 90C 1000V AMW I/II A/B 90C 1000V FT1 CE ROHS PHTHALATE FREE JACKET CE-46 2027 MADE IN USA XXXXXX FT
Shield	Overall aluminized polyester foil shield 100% coverage & tinned copper braid 75% coverage with 14 AWG drain		
Conductor Insulation	Polypropylene		
Conductor Markings	#1-ONE", "2-TWO", "3-THREE", etc... @ 4.5 inch intervals, ICEA Method 4		
UL Temperature Rating	90°C (194°F)		
Min. Bend Radius	6x diameter		
Flame Rating	UL 1581		
* To obtain the most current agency approval information, see Agency Approval Checklist section on the specifict part number's web page at www. AutomationDirect.com			

12 Gauge SILFLEX® FBP Control Cable (Shielded)										
Part Number	Number of Conductors (includes ground)	AWG	Strand	Overall Conductor Insulation Thickness (Mils)	Overall Jacket Thickness (Mils)	Nominal O.D. (Inches ±10%)	Minimum Installed Bend Radius (inches)*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
										
A6021204-1	4	12	65	16	48	0.439	1.756	20	0.17	\$6.35
A6021205-1	5					0.476	1.904	20	0.20	\$7.41
* Installed bend radius ≥ 4x diameter										
** See web store for maximum cut lengths										



10 Gauge SILFLEX® FBP Food and Beverage Rated Control Cable (Shielded)

10 Gauge SILFLEX® FBP Control Cable Specifications (Shielded)			
Conductor Gauge & Stranding	10AWG 105/30 bare copper, Class K	Applicable Standards	FDA 21 CFR 175.300
Voltage Rating	1000V 90C UL AWM 20886		NFPA 79 12.9 Compliant
			UL 758 - AWM Style 20886
			CSA C22.2 No. 210 - CSA AWM I/II A/B
Static Operating Temperature	-40°C to 90°C (-40°F to 194°F)	Approvals*	UL (E197090)
Jacket Material	Black Phthalate free proprietary thermoplastic polymer	Sample Print Legend	WWW.LUTZE.COM PART# XXXXXXXX Silflex FBP E197090 cRUus AWM 90C 1000V AMW I/II A/B 90C 1000V FT1 CE ROHS PHTHALATE FREE JACKET CE-46 2027 MADE IN USA XXXXXX FT
Conductor Colors	Black with white numbers and green/ yellow ground		
Shield	Overall aluminized polyester foil shield 100% coverage & tinned copper braid 75% coverage with 12 AWG drain		
Conductor Insulation	Polypropylene		
Conductor Markings	#1-ONE", "2-TWO", "3-THREE", etc... @ 4.5 inch intervals, ICEA Method 4		
UL Temperature Rating	90°C (194°F)		
Min. Bend Radius	6x diameter		
Flame Rating	UL 1581		
* To obtain the most current agency approval information, see Agency Approval Checklist section on the specifict part number's web page at www. AutomationDirect.com			

10 Gauge SILFLEX® FBP Control Cable (Shielded)										
Part Number	Number of Conductors (includes ground)	AWG	Strand	Overall Conductor Insulation Thickness (Mils)	Overall Jacket Thickness (Mils)	Nominal O.D. (Inches ±10%)	Minimum Installed Bend Radius (inches)*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
A6021004-1	4	10	105	16	48	0.54	2.16	20	0.38	\$8.86
* Installed bend radius ≥ 4x diameter										
** See web store for maximum cut lengths										