

# LUTZE SILFLEX® N PVC, Unshielded

## Flexible Control Cable for Stationary Applications



### Application

- Multi-conductor control cable for machine and plant construction, HVAC technology, assembly and production lines, and many other industrial applications
- Easy strip design especially suited for cable assemblies
- Compliant with NFPA 79, Article 12.9

### Characteristics

- Most flexible design without nylon for easy stripping and easy installation
- Easy routing and bending due to flexibility
- Resistant to mineral oils, coolants and solvents
- Non-wicking fillers
- Talc and silicone free

### Technical Data

Voltage	600V 90C AWM
Temperature range	-40°C - +90°C static
Bending radius min	4 x cable OD
Conductor marking	Black with white numbers and one green/yellow ground;
	*2C no ground included
Burning behavior	Flame retardant per UL VW-1
Oil resistance	Oil Res II
Approvals	UL AWM Style 2587 FT4 CE RoHS, REACH

### Construction

- AWG conductor
- Flexible fine wire stranded bare copper conductors
- PVC insulation
- Oil resistant PVC jacket
- Gray jacket similar to RAL 7001

Specifications are subject to change without prior notice

Part No.	Description No. of conductors incl. ground	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
<b>AWG 20 (10/30)</b>					
<b>108349A</b>	AWG20/02C*	5.7	0.226	27	6.5
<b>108350A</b>	AWG20/03C	6.0	0.235	31	10
<b>108351A</b>	AWG20/04C	6.5	0.255	38	12
<b>108352A</b>	AWG20/05C	7.2	0.282	46	16
<b>108353A</b>	AWG20/07C	8.8	0.345	65	22
<b>108354A</b>	AWG20/12C	10.8	0.424	103	38
<b>108355A</b>	AWG20/18C	12.8	0.505	153	56
<b>108356A</b>	AWG20/25C	15.0	0.592	206	88
<b>AWG 18 (16/30)</b>					
<b>108401A</b>	AWG18/02C*	6.5	0.254	34	10
<b>108357A</b>	AWG18/03C	6.7	0.263	41	15
<b>108358A</b>	AWG18/04C	7.2	0.285	51	20
<b>108359A</b>	AWG18/05C	7.7	0.305	63	25
<b>108360A</b>	AWG18/07C	9.1	0.360	82	35
<b>108392A</b>	AWG18/09C	11.7	0.460	119	45
<b>108361A</b>	AWG18/12C	12.0	0.473	142	60
<b>108362A</b>	AWG18/18C	13.8	0.543	198	90
<b>108363A</b>	AWG18/25C	16.0	0.630	263	125
<b>AWG 16 (26/30)</b>					
<b>108391A</b>	AWG16/02*	6.9	0.270	41	16
<b>108372A</b>	AWG16/03	7.4	0.290	55	24
<b>108373A</b>	AWG16/04	8.0	0.316	69	32
<b>108374A</b>	AWG16/05	8.7	0.341	84	40
<b>108375A</b>	AWG16/07	10.3	0.406	112	57
<b>108393A</b>	AWG16/09	13.0	0.511	159	73
<b>108376A</b>	AWG16/12	13.8	0.543	198	97
<b>108377A</b>	AWG16/18	15.5	0.610	274	147
<b>108378A</b>	AWG16/25	18.0	0.708	366	204
<b>AWG 14 (41/30)</b>					
<b>108380A</b>	AWG14/03	8.9	0.352	82	38
<b>108381A</b>	AWG14/04	9.8	0.384	103	51
<b>108382A</b>	AWG14/05	10.9	0.430	130	63
<b>108383A</b>	AWG14/07	13.4	0.529	183	89
<b>108389A</b>	AWG14/09	16.3	0.642	246	115
<b>108384A</b>	AWG14/12	16.9	0.665	307	153
<b>108385A</b>	AWG14/18	19.7	0.774	433	230
<b>108386A</b>	AWG14/25	23.7	0.935	598	320