

LUTZE SILFLEX® N PVC, Unshielded

Flexible Control Cable with UL/CE Approvals



Application

- Multi-conductor control cable for machine and plant construction, HVAC technology, assembly and production lines, and many other industrial applications
- Easy strip design specially suited for cable assemblies

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 UL AWM
Temperature	-40°C - +90°C static
Minimum bending radius	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
AWG 20 (10/30)					
108349A	AWG20/02C*	5.7	0.226	27	6.5
108350A	AWG20/03C	6.0	0.235	31	10
108351A	AWG20/04C	6.5	0.255	38	12
108352A	AWG20/05C	7.2	0.282	46	16
108353A	AWG20/07C	8.8	0.345	65	22
108354A	AWG20/12C	10.8	0.424	103	38
108355A	AWG20/18C	12.8	0.505	153	56
108356A	AWG20/25C	15.0	0.592	206	88
AWG 18 (16/30)					
108401A	AWG18/02C*	6.5	0.254	34	10
108357A	AWG18/03C	6.7	0.263	41	15
108358A	AWG18/04C	7.2	0.285	51	20
108359A	AWG18/05C	7.7	0.305	63	25
108360A	AWG18/07C	9.1	0.360	82	35
108392A	AWG18/09C	11.7	0.460	119	45
108361A	AWG18/12C	12.0	0.473	142	60
108362A	AWG18/18C	13.8	0.543	198	90
108363A	AWG18/25C	16.0	0.630	263	125
AWG 16 (26/30)					
108391A	AWG16/02*	6.9	0.270	41	16
108372A	AWG16/03	7.4	0.290	55	24
108373A	AWG16/04	8.0	0.316	69	32
108374A	AWG16/05	8.7	0.341	84	40
108375A	AWG16/07	10.3	0.406	112	57
108393A	AWG16/09	13.0	0.511	159	73
108376A	AWG16/12	13.8	0.543	198	97
108377A	AWG16/18	15.5	0.610	274	147
108378A	AWG16/25	18.0	0.708	366	204
AWG 14 (41/30)					
108380A	AWG14/03	8.9	0.352	82	38
108381A	AWG14/04	9.8	0.384	103	51
108382A	AWG14/05	10.9	0.430	130	63
108383A	AWG14/07	13.4	0.529	183	89
108389A	AWG14/09	16.3	0.642	246	115
108384A	AWG14/12	16.9	0.665	307	153
108385A	AWG14/18	19.7	0.774	433	230
108386A	AWG14/25	23.7	0.935	598	320

LUTZE Fittings Selection Chart

Part#	Plastic NPT	Plastic PG	Plastic Metric	Metal NPT	Metal PG	Metal Metric	Part#	Plastic NPT	Plastic PG	Plastic Metric	Metal NPT	Metal PG	Metal Metric
117095	FPNPT38	FPPG9	FPM16	FMNPT38	FMPG9	FMM16 FMM16-CV	117253	FPNPT38-R	FPPG7	FPM12	FMNPT38	FMPG7	FMM12
117096	FPNPT38	FPPG9	FPM16	FMNPT38	FMPG9	FMM16 FMM16-CV	117254	FPNPT38-R	FPPG7	FPM12	FMNPT38 FMNPT38-CV	FMPG7	FMM12 FMM16-CV
117097	FPNPT38	FPPG11	FPM16	FMNPT12	FMPG13	FMM20 FMM16-CV	117255	FPNPT38-R	FPPG7	FPM12	FMNPT38 FMNPT38-CV	FMPG7	FMM12 FMM16-CV
117098	FPNPT38	FPPG13	FPM16	FMNPT12	FMPG13	FMM20 FMM20-CV	117303	FPNPT38	FPPG11	FPM16	FMNPT12 FMNPT38-CV	FMPG11	FMM20 FMM16-CV
117099	FPNPT38-R	FPPG7	FPM12	FMNPT38	FMPG7	FMM12	108349A	FPNPT38	FPPG7	FPM12	FMNPT38	FMPG9	FMM16
117100	FPNPT38-R	FPPG7	FPM12	FMNPT38	FMPG7	FMM12	108350A	FPNPT38	FPPG9	FPM12	FMNPT38	FMPG9	FMM16
117101	FPNPT38-R	FPPG7	FPM12	FMNPT38	FMPG7	FMM12	108351A	FPNPT38	FPPG9	FPM16	FMNPT38	FMPG9	FMM16
117102	FPNPT38-R	FPPG7	FPM12	FMNPT38 FMNPT38-CV	FMPG7	FMM12 FMM16-CV	108352A	FPNPT38	FPPG9	FPM16	FMNPT12	FMPG11	FMM20
117103	FPNPT38	FPPG7	FPM12	FMNPT38 FMNPT38-CV	FMPG9	FMM16 FMM16-CV	108353A	FPNPT38	FPPG11	FPM16	FMNPT12	FMPG11	FMM20
117104	FPNPT38	FPPG9	FPM16	FMNPT38 FMNPT38-CV	FMPG9	FMM16 FMM16-CV	108354A	FPNPT12	FPPG13	FPM20-R	FMNPT12	FMPG13	FMM20
117105	FPNPT38	FPPG9	FPM16	FMNPT38 FMNPT38-CV	FMPG9	FMM16 FMM16-CV	108355A	FPNPT12	FPPG16	FPM20	FMNPT34-CV	FMPG16	FMM25
117106	FPNPT38	FPPG11	FPM16	FMNPT12 FMNPT38-CV	FMPG11	FMM20 FMM20-CV	108356A	FPNPT34	FPPG21	FPM25	FMNPT34	FMPG21	FMM32
117107	FPNPT38	FPPG13	FPM20-R	FMNPT12 FMNPT12-CV	FMPG13	FMM20 FMM20-CV	108357A	FPNPT38	FPPG9	FPM16	FMNPT38	FMPG9	FMM16
117108	FPNPT38-R	FPPG7	FPM12	FMNPT38	FMPG7	FMM12	108358A	FPNPT38	FPPG9	FPM16	FMNPT12	FMPG11	FMM20
117109	FPNPT38-R	FPPG7	FPM12	FMNPT38	FMPG7	FMM12	108359A	FPNPT38	FPPG11	FPM16	FMNPT12	FMPG11	FMM20
117110	FPNPT38-R	FPPG7	FPM12	FMNPT38 FMNPT38-CV	FMPG7	FMM12 FMM16-CV	108360A	FPNPT38	FPPG13	FPM20-R	FMNPT12	FMPG13	FMM20
117111	FPNPT38-R	FPPG7	FPM12	FMNPT38 FMNPT38-CV	FMPG7	FMM12 FMM16-CV	108361A	FPNPT12	FPPG16	FPM20	FMNPT12	FMPG16	FMM25
117112	FPNPT38	FPPG9	FPM16	FMNPT38 FMNPT38-CV	FMPG9	FMM16 FMM16-CV	108362A	FPNPT34	FPPG21	FPM25	FMNPT34	FMPG21	FMM32
117113	FPNPT38	FPPG9	FPM16	FMNPT12 FMNPT38-CV	FMPG11	FMM20 FMM16-CV	108363A	FPNPT34	FPPG21	FPM25	FMNPT34	FMPG21	FMM32
117115	FPNPT38	FPPG11	FPM16	FMNPT12 FMNPT38-CV	FMPG11	FMM20 FMM16-CV	108372A	FPNPT38	FPPG9	FPM16	FMNPT12	FMPG11	FMM20
117116	FPNPT12-R	FPPG13	FPM20-R	FMNPT12 FMNPT12-CV	FMPG13	FMM20 FMM20-CV	108373A	FPNPT38	FPPG11	FPM16	FMNPT12	FMPG11	FMM20
117124	FPNPT38	FPPG9	FPM16	FMNPT12 FMNPT38-CV	FMPG11	FMM20 FMM16-CV	108374A	FPNPT38	FPPG11	FPM16	FMNPT12	FMPG11	FMM20
117151	FPNPT38-R	FPPG7	FPM12	FMNPT38	FMPG7	FMM12	108375A	FPNPT12-R	FPPG13	FPM20-R	FMNPT12	FMPG13	FMM20
117170	FPNPT38	FPPG9	FPM16	FMNPT38 FMNPT38-CV	FMPG9	FMM16 FMM16-CV	108376A	FPNPT34	FPPG21	FPM25	FMNPT34	FMPG21	FMM32
117171	FPNPT38	FPPG9	FPM16	FMNPT38 FMNPT38-CV	FMPG9	FMM16 FMM16-CV	108377A	FPNPT34	FPPG21	FPM25	FMNPT34	FMPG21	FMM32
117172	FPNPT38	FPPG9	FPM16	FMNPT38 FMNPT38-CV	FMPG9	FMM16 FMM16-CV	108378A	FPNPT10-R	FPPG29	FPM32-R	FMNPT10	FMPG21	FMM32
117173	FPNPT38	FPPG11	FPM16	FMNPT12 FMNPT38-CV	FMPG11	FMM20 FMM16-CV	108380A	FPNPT38	FPPG11	FPM16	FMNPT12	FMPG11	FMM20
117174	FPNPT38	FPPG13	FPM20-R	FMNPT12 FMNPT12-CV	FMPG13	FMM20 FMM20-CV	108381A	FPNPT12-R	FPPG13	FPM20-R	FMNPT12	FMPG13	FMM20
117175	FPNPT12-R	FPPG13	FPM20-R	FMNPT12 FMNPT12-CV	FMPG13	FMM20 FMM20-CV	108382A	FPNPT12	FPPG13	FPM20-R	FMNPT12	FMPG13	FMM20
117176	FPNPT12	FPPG13	FPM20-R	FMNPT12 FMNPT12-CV	FMPG13	FMM20 FMM20-CV	108383A	FPNPT12	FPPG16	FPM20	FMNPT34	FMPG16	FMM25
117177	FPNPT38	FPPG11	FPM16	FMNPT12 FMNPT38-CV	FMPG11	FMM20 FMM16-CV	108384A	FPNPT34	FPPG21	FPM25	FMNPT34	FMPG21	FMM32
117180	FPNPT38	FPPG9	FPM16	FMNPT38 FMNPT38-CV	FMPG9	FMM16 FMM16-CV	108385A	FPNPT10	FPPG29	FPM32	FMNPT10	FMPG29	FMM40
117181	FPNPT38	FPPG9	FPM16	FMNPT38 FMNPT38-CV	FMPG9	FMM16 FMM16-CV	108386A	FPNPT10	FPPG29	FPM32	FMNPT10	FMPG29	FMM40
117182	FPNPT38	FPPG9	FPM16	FMNPT12 FMNPT38-CV	FMPG11	FMM20 FMM16-CV	108389A	FPNPT34	FPPG21	FPM25	FMNPT34	FMPG21	FMM32
117184	FPNPT38	FPPG11	FPM16	FMNPT12 FMNPT12-CV	FMPG11	FMM20 FMM20-CV	108391A	FPNPT38	FPPG9	FPM16	FMNPT38	FMPG9	FMM16
117185	FPNPT12-R	FPPG13	FPM20-R	FMNPT12 FMNPT12-CV	FMPG13	FMM20 FMM20-CV	108392A	FPNPT12	FPPG16	FPM20	FMNPT12	FMPG16	FMM25
117190	FPNPT38	FPPG9	FPM16	FMNPT12 FMNPT38-CV	FMPG11	FMM20 FMM16-CV	108393A	FPNPT12	FPPG16	FPM20	FMNPT34	FMPG16	FMM25
117191	FPNPT38	FPPG11	FPM16	FMNPT12 FMNPT38-CV	FMPG11	FMM20 FMM16-CV	108401A	FPNPT38	FPPG9	FPM16	FMNPT38	FMPG9	FMM16
117193	FPNPT12-R	FPPG13	FPM20-R	FMNPT12 FMNPT12-CV	FMPG13	FMM20 FMM20-CV	A1040001	FPNPT38	FPPG9	FPM16	FMNPT38	FMPG9	FMM16
117199	FPNPT38	FPPG11	FPM16	FMNPT12 FMNPT38-CV	FMPG11	FMM20 FMM16-CV	A1040005	FPNPT38	FPPG13	FPM16	FMNPT12 FMNPT38-CV	FMPG13	FMM20 FMM16-CV
117201	FPNPT38	FPPG11	FPM16	FMNPT12 FMNPT12-CV	FMPG11	FMM20 FMM20-CV	A1040017	FPNPT38	FPPG11	FPM16	FMNPT12 FMNPT38-CV	FMPG13	FMM20 FMM16-CV
117202	FPNPT12-R	FPPG13	FPM20-R	FMNPT12 FMNPT12-CV	FMPG13	FMM20 FMM20-CV	A1040019	FPNPT38	FPPG9	FPM16	FMNPT38 FMNPT38-CV	FMPG9	FMM16 FMM16-CV
117243	FPNPT38-R	FPPG7	FPM12	FMNPT38	FMPG7	FMM12	A1040020	FPNPT38	FPPG11	FPM16	FMNPT12 FMNPT38-CV	FMPG13	FMM20 FMM16-CV
117244	FPNPT38-R	FPPG7	FPM12	FMNPT38	FMPG7	FMM12	A1040030	FPNPT38	FPPG13	FPM16	FMNPT12 FMNPT38-CV	FMPG13	FMM20 FMM16-CV
117245	FPNPT38-R	FPPG7	FPM12	FMNPT38	FMPG7	FMM12	A1060804	FPNPT10	FPPG29	FPM32	FMNPT10 FMNPT10-CV	FMPG29	FMM40 FMM32-CV
117246	FPNPT38-R	FPPG7	FPM12	FMNPT38	FMPG7	FMM12	A1061004	FPNPT34	FPPG21	FPM25	FMNPT34 FMNPT34-CV	FMPG21	FMM32 FMM25-CV