

CREATED BY	DJ P	TITLE CABLE-ELECTRICAL,CROSS LINKED, SXL, GXL, TXL INSULATION	ITEM NUMBER 48-02223	
APPRV	DAJ		SHEET 5 OF 6	CHG. LTR L
DATE	09/03/99			
PDX SERVER ORIGINAL		FREIGHTLINER CORPORATION LLC		

Table 6 Cable and Insulation Properties

English Size	Metric mm2 size	Insulation Type	Nominal Insulation Wall Thickness [mm(inch)]	Minimum Allowed Insulation Thickness [mm(inch)] *1	Max recommended outer dia of cable [mm(inch)] *2	Max Allowed Dia [mm(inch)] *1, *3
20	.5	GXL	0.58	0.41	2.19	2.2
18	.8	GXL	0.58	0.41	2.42	2.5
16	1	GXL	0.58	0.41	2.64	2.8
14	2	GXL	0.58	0.41	3.05	3.1
12	3	GXL	0.66	0.46	3.65	3.8
10	5	GXL	0.79	0.55	4.48	4.6
8	8	GXL	0.94	0.66	5.49	5.8
20	.5	SXL	0.74	0.52	2.51	2.7
18	.8	SXL	0.76	0.53	2.78	3
16	1	SXL	0.81	0.57	3.1	3.3
14	2	SXL	0.89	0.62	3.67	3.9
12	3	SXL	0.94	0.66	4.21	4.5
10	5	SXL	1.04	0.73	4.98	5.2
8	8	SXL	1.09	0.76	5.79	6.1
6	13	SXL	1.09	0.98	7.46	8
22	.35	TXL	0.4	0.28	1.63	1.7
20	.5	TXL	0.4	0.28	1.8	1.8
18	.8	TXL	0.4	0.28	2.12	2.2
16	1	TXL	0.4	0.28	2.25	2.3
14	2	TXL	0.4	0.28	2.66	2.7
12	3	TXL	0.45	0.32	3.2	3.3
10	5	TXL	0.5	0.35	3.88	3.9
8	8	TXL	0.55	0.39	4.7	4.8

*1 Value indicated is controlled by this specification. All other values are controlled by SAE J1128 and are shown for reference only in this specification.

*2 The recommended and preferred maximum outer diameter of cables supplied to Freightliner.

*3 The maximum cable outer diameter allowed by this specification. This is more restrictive than the SAE J1128 specification.

CHG	JOB NUMBER	DATE	BY	REVISION
J	PA2042-79	06/05/97	DAJ	REVISED AND REDRAWN ON CATIA, ADDED ADD'L COLORS
K	P07095-33	09/03/99	DJP	REVISED AND REFORMATTED ON PDX SERVER
L	PA2042-I3	06/14/04	JIH	ADDED 22 TXL, REMOVED WHT-WHT & BLK-BLK STRIPE, REMOVED TABLE 7