

LONGFLEX® CHAIN FD 837 CP



产品应用

作为控制电缆应用于数控机床、雕刻机、木工机械、钢铁生产线等自动化设备和机械生产线。用于电磁干扰严重的环境。特别适用于油污环境下的拖链应用或频繁移动使用。

特点

- 无卤，阻燃性满足 FT2 要求
- 具有很好的柔韧性
- 具有很小的弯曲半径
- 具有很好的耐油性、耐磨性、耐水解性
- 抗外部电磁干扰性能极佳

电缆结构	
导体	精细裸铜绞合导体符合 IEC 60228 6 类导体标准
绝缘	特殊 TPE 混合料
绝缘颜色	< 0.5mm² 符合 DIN 47100 ≥ 0.5mm² 符合 DIN VDE0293, 黑色芯线印白色数字编号
屏蔽	镀锡铜编织
内护套	特殊 TPE 混合料
外护套	PUR
颜色	灰色 (近似 RAL 7001)

技术参数	
温度范围	固定应用 : -40°C ~80°C 移动应用 : -25°C ~80°C
测试电压	2000V/min (AC)
绝缘电阻 (20°C)	≥ 200MQ.km
额定电压	300/500V
最小弯曲半径	固定应用 : 4D (D= 电缆直径)
	移动应用: 7.5D (D= 电缆直径)
拖链运行次数	≥ 1000 万次

产品编码	产品规格 (mm²)	电缆外径 (mm)	铜用量 (kg/km)	电缆净重 (kg/km)
ZL5837234	2×0.25	5.80	14.75	49.02
ZL5837235	3×0.25	5.90	17.72	53.36
ZL5837236	4×0.25	6.60	21.13	65.45
ZL5837237	5×0.25	6.90	24.56	72.66
ZL5837238	6×0.25	7.30	28.18	81.24
ZL5837239	7×0.25	7.90	31.67	94.08
ZL5837240	8×0.25	8.40	36.07	105.34
ZL5837241	2×0.34	6.60	17.71	62.75
ZL5837242	3×0.34	6.80	21.66	68.55
ZL5837243	4×0.34	7.10	26.16	77.21
ZL5837133	5×0.34	7.80	30.65	92.31
ZL5837244	6×0.34	8.20	35.39	102.62
ZL5837245	7×0.34	8.60	39.97	112.83
ZL5837246	8×0.34	9.10	45.72	127.36
ZL5837247	2×0.5	7.20	22.85	77.12
ZL5837052	3G0.5	7.40	28.62	84.96
ZL5837101	4G0.5	8.20	35.09	101.98
ZL5837053	5G0.5	8.60	41.53	114.84
ZL5837054	6G0.5	9.10	48.33	128.79
ZL5837055	7G0.5	9.60	54.89	142.61
ZL5837248	8G0.5	10.20	63.10	162.46
ZL5837249	2×0.75	8.40	30.27	105.36
ZL5837250	3G0.75	8.70	38.61	116.83
ZL5837251	4G0.75	9.20	47.88	134.17
ZL5837252	5G0.75	9.80	57.10	152.73
ZL5837253	6G0.75	10.80	71.29	184.91
ZL5837254	7G0.75	11.40	81.03	205.71

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ZL5837255	8G0.75	12.70	93.23	246.75
ZL5837293	9G0.75	8.80	36.69	118.79
ZL5837294	12G0.75	9.10	47.74	133.01
ZL5837256	2×1.0	9.70	59.88	154.06
ZL5837257	3×1.0	10.80	76.32	188.38
ZL5837258	4×1.0	11.40	89.43	213.65
ZL5837259	5×1.0	12.10	102.05	238.66
ZL5837260	6×1.0	13.40	117.81	286.38
ZL5837261	7×1.0	9.70	49.33	149.20
ZL5837262	8×1.0	10.10	65.57	169.02
ZL5837299	9G1.0	11.20	87.92	210.46
ZL5837300	12G1.0	12.00	105.82	242.26
ZL5837263	2×1.5	13.20	124.73	288.25
ZL5837264	3G1.5	14.10	152.15	333.40
ZL5837265	4G1.5	15.20	175.75	385.00
ZL5837266	5G1.5	11.20	77.89	208.19
ZL5837267	6G1.5	11.70	105.00	238.93
ZL5837268	7G1.5	12.90	134.31	293.81
ZL5837269	8G1.5	14.00	172.3	350.92
ZL5837270	2×2.5	15.00	203.69	403.00
ZL5837271	3G2.5	15.90	233.84	454.41
ZL5837272	4G2.5	17.40	272.24	537.43
ZL5837273	5G2.5	6.60	22.31	57.62
ZL5837274	6G2.5	6.80	28.39	68.00
ZL5837275	7G2.5	7.30	35.53	82.97
ZL5837276	8G2.5	8.50	42.01	99.04

LONGFLEX® CHAIN FD 837 P



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ZL5837134	2×0.25	4.30	4.94	22.91
ZL5837135	3×0.25	4.40	7.40	26.82
ZL5837136	4×0.25	4.70	9.97	31.77
ZL5837099	5×0.25	5.00	12.46	36.92
ZL5837137	6×0.25	5.40	15.09	42.46
ZL5837138	7×0.25	5.70	17.61	47.92
ZL5837139	8×0.25	6.50	20.70	61.38
ZL5837140	9×0.25	6.60	23.29	66.46
ZL5837141	12×0.25	7.40	31.67	81.45
ZL5837142	15×0.25	8.20	39.59	101.94
ZL5837143	16×0.25	8.20	42.22	105.19
ZL5837144	18×0.25	8.80	47.5	116.66
ZL5837145	20×0.25	8.90	53.76	124.82
ZL5837146	21×0.25	9.40	56.45	132.38
ZL5837147	25×0.25	9.60	67.20	149.51
ZL5837148	2×0.34	4.70	6.71	27.90
ZL5837149	3×0.34	4.90	10.07	33.13
ZL5837150	4×0.34	5.20	13.55	39.69
ZL5837151	5×0.34	5.60	16.94	46.49
ZL5837152	6×0.34	6.00	20.53	53.84
ZL5837153	7×0.34	6.70	23.95	66.78
ZL5837154	8×0.34	7.30	28.15	78.59
ZL5837155	9×0.34	7.40	31.67	85.49
ZL5837156	12×0.34	8.50	43.07	109.28
ZL5837157	15×0.34	9.20	53.84	129.98
ZL5837158	16×0.34	9.20	57.43	134.43
ZL5837159	18×0.34	9.90	64.60	149.48
ZL5837160	20×0.34	9.90	73.11	160.62
ZL5837161	21×0.34	10.90	76.77	177.37

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ZL5837162	25×0.34	11.10	91.39	200.86
ZL5837001	2×0.5	5.30	10.07	35.89
ZL5837002	3G0.5	5.50	15.10	43.19
ZL5837097	4G0.5	5.90	20.33	52.33
ZL5837003	5G0.5	6.80	25.41	67.56
ZL5837004	6G0.5	7.30	30.79	79.03
ZL5837005	7G0.5	8.10	35.92	94.79
ZL5837163	8G0.5	8.70	42.22	110.72
ZL5837164	9G0.5	8.90	47.50	120.71
ZL5837165	12G0.5	9.80	64.60	145.82
ZL5837166	15G0.5	10.90	80.75	181.89
ZL5837167	16G0.5	10.90	86.14	188.24
ZL5837168	18G0.5	11.80	96.91	209.58
ZL5837169	20G0.5	11.80	109.67	225.51
ZL5837170	21G0.5	13.00	115.15	250.41
ZL5837171	25G0.5	13.20	137.08	284.27
ZL5837172	2×0.75	6.60	14.81	62.44
ZL5837173	3×0.75	6.90	22.21	72.16
ZL5837174	4×0.75	7.40	29.90	86.98
ZL5837175	5×0.75	8.30	37.37	107.27
ZL5837176	6×0.75	9.00	45.28	124.02
ZL5837177	7×0.75	9.60	52.82	140.59
ZL5837178	8×0.75	10.70	62.09	171.89
ZL5837179	9G0.75	10.90	69.86	180.31
ZL5837180	12G0.75	12.00	95.01	216.86
ZL5837181	2×1.0	7.10	20.04	77.54
ZL5837182	3×1.0	7.80	30.05	95.99
ZL5837183	4×1.0	8.40	40.46	114.27
ZL5837184	5×1.0	9.10	50.58	133.61