EZ

Flexible Rubber Flexing/Heavy Duty

0.6/1kV 110°C

Insulation X-HF-110

Typical Applications

Heavy Duty rubber power cable for Flexible Connection to equipment such as pumps, generators, lighting, industrial and agricultural machinery, stage and audio visual equipment, temporary mains for construction sites, ports and dams.

Standard Core Configuration

1C: ☐

Other colours available on request

Construction

Conductor Fine wire plain or tinned annealed copper to IEC 60228 and AS/NZS 1125.

Insulation LSFLEX® R-70 (X-HF-110), Cross-Linked, Thermoset, Elastomeric, and individually numbered.

Separator Polypropylene tape

Jacket Low Friction E-RUBBER® S-20 Thermoplastic, Elastomeric, Flame Retardant. Splash resistant to oil, skydrol, petrol, acid and sea water.Resists ozone and UV. Excellent abrasion resistance. Submersible to 500m Best Practice PVC.
Anti-Termite/Rodent Jacket is Available.

Operating Temp

-40°C to +110°C

Voltage Rating

600/1000 Volts

Core identification

To customers specification

Jacket Colour

To customers specification

Standards

AS/NZS 1125 IEC 60228
AS/NZS 1660.5.1 IEC 60332-1
AS/NZS 1660.5.6 IEC 60332-3-22
AS/NZS 3808
AS/NZS 5000.1

greenstar

Size *mm²*	Earth *mm²*	Min. Bend Radius *mm*	Nom. Cond. OD *mm*	Nom. Ins. OD *mm*	Nom. Cable OD *mm*	Current Rating *amp*	Approx. Wt. *kg/km*
1c10	-	27.1	4.0	5.4	9.0	86	146
1c16	-	30.8	5.0	6.4	10.3	112	207
1c35	-	41.9	7.4	9.2	14.0	184	418
1c50	-	48.1	8.8	10.8	16.0	232	576
1c70	-	55.5	10.6	12.8	18.5	292	816
1c95	-	61.9	12.3	14.5	20.6	352	1011
1c120	-	71.2	14.5	17.0	23.7	417	1381
1c150	-	79.8	16.3	19.2	26.6	482	1749
1c185	-	86.8	18.0	21.3	28.9	552	2098
1c240	-	95.1	20.3	23.8	31.7	663	2641
1c300	-	103.1	22.5	26.2	34.4	764	3283
1c500	-	128.5	29.2	33.7	42.8	1059	5239
2c1.5	-	27.0	1.5		9.1	30	101
2c2.5	-	31.0	2.0		10.4	41	142
2c4	-	34.0	2.4		11.5	54	181
2c6	-	39.0	3.0		13.0	67	245
2c10	-	52.0	4.0		17.2	94	432
2c16	-	59.0	5.0		19.6	124	599
2c25	-	71.0	6.2		23.7	165	897
2c35	-	79.0	7.4		26.4	203	1166
2c1.5	1.5	29.0	1.5		9.8	30	120
2c2.5	2.5	33.0	2.0		11.1	41	172
2c4	4	37.0	2.4		12.3	54	222
2c6	6	42.0	3.0		13.9	67	303

2c10	10	55.0	4.0	18.3	94	530
2c16	16	62.0	5.0	20.8	124	745
2c25	25	75.0	6.2	25.2	165	1121
2c35	35	84.0	7.4	28.0	203	1473
2c50	50	97.0	8.8	32.2	255	2025
2c70	70	113.0	10.6	37.6	320	2876
2c95	95	126.0	12.3	42.1	382	3579
2c120	120	140.0	13.9	46.8	450	4508
2c150	150	153.0	15.1	51.0	516	5521
2c185	185	171.0	16.9	56.8	585	6559
2c240	240	188.0	18.9	62.6	698	8427
2c300	300	210.0	21.5	69.9	797	10618
3c1.5	1.5	32.0	1.5	10.7	26	146
3c2.5	2.5	37.0	2.0	12.2	34	210
3c4	4	41.0	2.4	13.7	45	278
3c6	6	46.0	3.0	15.2	58	373
3c10	10	60.0	4.0	19.9	80	648
3c16	16	69.0	5.0	22.9	106	927
3c25	25	83.0	6.2	27.6	140	1397
3c35	35	93.0	7.4	30.9	173	1856
3c50	50	107.0	8.8	35.6	218	2553
3c70	70	124.0	10.6	41.5	273	3630
3c95	95	140.0	12.3	46.6	327	4530
3c120	120	155.0	13.9	51.8	385	5705
3c150	150	170.0	15.1	56.6	442	7017
3c185	185	189.0	16.9	63.0	503	8306
3c240	240	209.0	18.9	69.6	598	10723
3c300	300	233.0	21.5	77.8	683	13534
4c1.5	1.5	35.0	1.5	11.8	26	175
4c2.5	2.5	41.0	2.0	13.7	34	259
4c4	4	45.0	2.4	15.1	45	335
4c6	6	51.0	3.0	17.0	58	458
4c10	10	66.0	4.0	21.9	80	786
4c16	16	76.0	5.0	25.2	106	1127
4c25	25	92.0	6.2	30.7	140	1711
4c35	35	103.0	7.4	34.4	173	2274
4c50	50	119.0	8.8	39.7	218	3144
4c70	70	139.0	10.6	46.5	273	4485
4c95	95	156.0	12.3	52.1	327	5585
4c120	120	174.0	13.9	58.0	385	7051
4c150	150	189.0	15.1	63.1	442	8635
4c185	185	212.0	16.9	70.6	503	10262
4c240	240	234.0	18.9	77.9	598	13237
6c0.5	0.5	36.1	0.9	12.0	8	154
6c0.75	0.75	38.4	1.1	12.8	11	181
6c1	1	39.8	1.2	13.3	13	201
6c1.5	1.5	44.3	1.5	14.8	15	259
6c2.5	2.5	50.0	2.0	16.7	20	351
7c1.5	1.5	48.1	1.5	16.0	15	295
8c1.5	1.5	54.7	1.5	18.2	14	350
9c0.5	0.5	44.5	0.9	14.8	7	219
9c0.75	0.75	47.3	1.1	15.8	9	257
9c1	1	49.1	1.2	16.4	11	286
9c1.5	1.5	54.7	1.5	18.2	14	367

9c2.5	2.5	62.6	2.0	20.9	18	507
10c1.5	1.5	56.5	1.5	18.8	13	391
11c0.5	0.5	45.9	0.9	15.3	6	240
11c0.75	0.75	48.8	1.1	16.3	9	282
11c1	1	51.3	1.2	17.1	11	324
11c1.5	1.5	56.5	1.5	18.8	13	408
11c2.5	2.5	65.3	2.0	21.8	17	578
12c1.5	1.5	59.4	1.5	19.8	12	443
13c0.5	0.5	48.2	0.9	16.1	6	268
13c0.75	0.75	51.2	1.1	17.1	8	317
13c1	1	53.3	1.2	17.8	10	356
13c1.5	1.5	59.4	1.5	19.8	12	460
13c2.5	2.5	68.6	2.0	22.9	16	653
15c0.5	0.5	50.9	0.9	17.0	6	299
15c0.75	0.75	54.1	1.1	18.0	8	353
15c1	1	56.3	1.2	18.8	10	398
15c1.5	1.5	62.7	1.5	20.9	12	514
15c2.5	2.5	72.4	2.0	24.1	16	731
18c0.5	0.5	53.0	0.9	17.7	5	330
18c0.75	0.75	56.3	1.1	18.8	8	392
18c1	1	59.2	1.2	19.7	9	452
18c1.5	1.5	66.0	1.5	22.0	11	586
18c2.5	2.5	76.2	2.0	25.4	15	836
20c0.5	0.5	56.0	0.9	18.7	5	364
20c0.75	0.75	59.5	1.1	19.8	7	432
20c1	1	62.6	1.2	20.9	9	498
20c1.5	1.5	69.7	1.5	23.2	11	645
20c2.5	2.5	80.6	2.0	26.9	14	919
23c0.5	0.5	61.4	0.9	20.5	5	422
23c0.75	0.75	65.2	1.1	21.7	7	500
23c1	1	68.6	1.2	22.9	8	576
23c1.5	1.5	76.4	1.5	25.5	10	744
23c2.5	2.5	88.8	2.0	29.6	14	1070
26c0.5	0.5	62.7	0.9	20.9	5	451
26c0.75	0.75	66.7	1.1	22.2	7	536
26c1	1	70.1	1.2	23.4	8	619
26c1.5	1.5	78.8	1.5	26.3	10	814
26c2.5	2.5	91.6	2.0	30.5	13	1174
29c0.5	0.5	65.1	0.9	21.7	5	491
29c0.75	0.75	69.1	1.1	23.0	6	585
29c1	1	72.7	1.2	24.2	8	675
29c1.5	1.5	81.6	1.5	27.2	9	888
29c2.5	2.5	94.2	2.0	31.4	13	1267
32c0.5	0.5	67.7	0.9	22.6	5	533
32c0.75	0.75	72.0	1.1	24.0	6	635
32c1	1	75.7	1.2	25.2	8	734
32c1.5	1.5	84.9	1.5	28.3	9	965
32c2.5	2.5	98.6	2.0	32.9	12	1393
36c0.5	0.5	69.8	0.9	23.3	4	574
36c0.75	0.75	74.8	1.1	24.9	6	696
36c1	1	78.7	1.2	26.2	7	805
36c1.5	1.5	88.3	1.5	29.4	9	1060
36c2.5	2.5	102.5	2.0	34.2	12	1531

Continuous current carrying capacities are calculated assuming 30° ambient temperature in free air, flexible unenclosed touching. For other installation methods, please refer to our current ratings table.

There is a +5% tolerance to the NOMINAL values due to manufacturing process variations. TriCab is not liable for any errors, omissions, etc., and reserves the right to modify specifications at any time.

Conductor Comparison - TriCab versus Class 5 & 6 (approximate no.of wires)

Size mm^2	50	70	95	120	150	185	240	300	400	500	630
TriCab	707	991	1344	1692	2124	2584	3344	4144	5488	6944	8736
Class5	400	356	485	614	765	994	1125	1530	2035	2546	3200
Class6	705	990	1340	1690	2123	1470	1905	2385	3200	4010	5020

Issue 19.0