SPECIALISED FORCE PTY. LTD.

HYDRAULIC TOOLS & ELECTRICAL CONTRACTORS EQUIPMENT

Reference Tables

www.specialisedforce.com.au

REFERENCES TABLES

342–353

POWER CABLE – DIMENSIONAL DATA	342
SOCK & SWIVEL SELECTION MATRIX	343
REFERENCE TABLES	344-353

POWER CABLE DIMENSIONAL DATA

DIMENSIONAL DATA					DIE SIZE A/F (mm)		Cable Types									
Cross Sectional Area (mm2)	Stranding (No / Wire Diameter Ø mm)	OD of Conductor (mm)	Imperial Equivalent (No/Wire Diameter Ø)	AWG Size (American Wire Gauge)	Cu Die (A/F)	Al Die (A/F)	PVC	Insulated Sheathed	XLPE / PVC	Multiple Core Cables (0.6/1kV)				XLPE / URD		Name
							•	•	•	••	••	•••	••••	••••		Cores
											✓	✓	✓			Earth
1	1/1.13	1.1	1/.044	18	-	-	3.0	4.0	-	10.0	-	-	-	Solid Conductor	Stranded Conductor	Approx OD of Cable
	7/0.40	1.2														
1.5	1/1.3	1.4	3/.029	16	-	-	3.5	4.5	-	11.5	8.5	7.5	10.5			
	7/0.50	1.5	1/.064													
2.5	7/0.67	2.0	3/.036	14	-	-	4.0	5.0	-	12.0	8.0	11.5	12.5			
		2.0	7/.029													
4	7/0.85	2.6	7/.036	12	-	-	4.5	6.0	-	13.5	11.5	15.5	19.0			
6	7/1.04	3.1	7/.044	9	4.4	9.0	5.5	7.0	-	14.5	12.5	16.5	15.0			
10	7/1.35	4.1	7/.052	7	5.7	9.0	6.0	8.0	-	17.0	17.0	18.5	20.0			
16	7/1.70	5.1	7/.064	5	6.3	9.0	7.0	9.0	9.5	19.0	19.0	20.5	23.0			
			19/.044													
25	19/1.35	6.8	19/.052	3	7.7	9.0	8.5	11.0	10.5	23.0	22.0	24.0	26.5			
35	19/1.53	7.7	19/.064	2	9.2	9.0	9.5	12.0	11.5	-	25.0	26.5	29.5			
50	19/1.7	8.9	19/.072	1/0	10.4	13.2	11.0	14.0	13.0	-	28.0	31.0	35.0			
70	19/2.14	10.7	19/.083	2/0	11.5	13.2	12.5	15.5	15.0	-	32.0	35.0	39.0			
95	37/1.7	12.5	37/.072	3/0	14.2	17.3	15.5	18.0	17.5	-	-	40.0	45.0			
120	37/2.03	14.2	37/.083	250MCM	16.5	17.3	17.5	20.5	20.0	-	-	43.5	50.0			
150	37/2.25	15.8	37/.093	300MCM	18.3	22.0	19.0	24.5	21.5	-	-	48.5	55.0			
185	37/2.52	17.6	37/.103	350MCM	20.0	22.0	21.5	26.5	23.5	-	-	54.0	61.0	43.0	47.5	
240	61/2.25	20.3	61/.093	500MCM	23.1	28.4	24.5	28.0	26.5	-	-	61.0	69.5	50.0	53.5	
300	61/2.52	22.3	61/.103	600MCM	26.0	28.4	27.0	31.0	29.5	-	-	68.0	77.0			
400	61/2.85	25.7	91/.093	800MCM	28.1	39.0	31.0	35.0	33.5	-	-	-	-			
500	61/3.20	28.8	91/.103	1000MCM	31.0	39.0	34.5	38.5	37.0	-	-	-	-			
			127/.093													
630	127/2.52	32.8	127/.103	1200MCM	37.0	43.2	38.0	42.5	41.5	-	-	-	-			
800	127/2.85	37.0	127/.112	-	43.2	52.5	-	-	-	-	-	-	-			
1,000	127/3.7	41.6	127/.125	-	48.0	52.5	-	-	-	-	-	-	-			

Based on stranded copper cable dimensional data

www.specialisedforce.com.au

SYDNEY Head Office (02) 9547 1844 **Adelaide** (08) 8352 8866 **Brisbane** (07) 3256 6011 **Townsville** (07) 4728 8756
Darwin (08) 8984 4453 **Melbourne** (03) 9761 4199 **Perth** (08) 9354 8544 **Port Hedland** (08) 9172 1113 **Tasmania** 0427 423 217

WHICH PULLING SWIVEL SUITS WHICH SOCK?

Refer below table to see which sock eyes fit into swivel jaws.

Note that you still need to match the right pulling working load limit (WLL) of sock and swivel

		Suits Swivel Model No.										
		00505-005	00505-008	00505-010	00505-015	00505-020	00505-025	00505-027	00505-030	00505-035	00505-040	00505-045
Sock Model No.	WLL (3:1) kN	3.3	5.0	10.0	15.6	22.2	31.1	40	44.5	66.7	110	222.0
C1010	1.6	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
C1014	3.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
C1019	5.0	x	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
C1028	8.0	x	x	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
C1040	11.6	x	x	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
C1055	20.6	x	x	x	x	x	Yes	Yes	Yes	Yes	Yes	Yes
C1075	32.6	x	x	x	x	x	x	x	Yes	Yes	Yes	Yes
C1095	44.3	x	x	x	x	x	x	x	x	Yes	Yes	Yes
C1120	62.3	x	x	x	x	x	x	x	x	x	Yes	Yes
C1150	94.3	x	x	x	x	x	x	x	x	x	x	Yes
HDGW08	9.3	x	x	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HDGW10	12.3	x	x	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HDGW15	19.0	x	x	x	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HDGW20	24.3	x	x	x	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HDGW27	33.6	x	x	x	x	x	x	Yes	Yes	Yes	Yes	Yes
HDGW32	33.6	x	x	x	x	x	x	x	Yes	Yes	Yes	Yes
LV495	8.3	x	x	x	x	x	x	Yes	Yes	Yes	Yes	Yes
LV4150	8.3	x	x	x	x	x	x	Yes	Yes	Yes	Yes	Yes
C 06.S.1	11.0	x	x	x	x	Yes	Yes	Yes	Yes	Yes	Yes	Yes
C 06.S.2	28.0	x	x	x	x	x	x	x	Yes	Yes	Yes	Yes
C 06.S.3	45.0	x	x	x	x	x	x	x	x	Yes	Yes	Yes
C 06.S.4	61.0	x	x	x	x	x	x	x	x	x	Yes	Yes
CHD1004	1.6	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
CHD1006	2.6	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CHD1010	5.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
CHD1014	6.6	x	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CHD1019	12.3	x	x	x	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CHD1028	18.0	x	x	x	x	x	Yes	Yes	Yes	Yes	Yes	Yes
CHD1040	20.6	x	x	x	x	x	Yes	Yes	Yes	Yes	Yes	Yes
CHD1055	26.6	x	x	x	x	x	x	x	x	Yes	Yes	Yes
CHD1075	60.0	x	x	x	x	x	x	x	x	x	Yes	Yes

www.specialisedforce.com.au

CONVERSIONS MCM KCMIL MM2 MMOD AWG

LOGICAL AWG NUMBER	AWG (and "Aught" */0 Equiv)		MCM or kcmil	CIRCULAR MILS	Cross Section mm2	Max Metric UL 486 Equivalent mm2	Cross Section in2	Diameter SOLID inch	Diameter SOLID mm	Diameter Typ. Stranded inch Approx. Max.
41	41			8	0.00397		0.0000062	0.0028	**0.071**	
40	40			10	0.00501		0.0000078	0.0031	**0.080**	
39	39			12	0.00632		0.0000098	0.0035	**0.090**	
38	38			16	0.00797		0.0000123	0.0040	**0.101**	
37	37			20	0.01005		0.0000156	0.0045	**0.113**	
36	36			25	0.01267		0.0000196	0.0050	**0.127**	
35	35			32	0.01597		0.0000248	0.0056	**0.143**	
34	34			40	0.02014		0.0000312	0.0063	**0.160**	
33	33			50	0.02540		0.0000394	0.0071	**0.180**	
32	32			63	0.03203		0.0000496	0.0080	**0.202**	
31	31			80	0.04039		0.0000626	0.0089	**0.227**	
30	30			100	0.05093	0.05000	0.0000789	0.0100	**0.255**	
29	29			127	0.06422		0.0000995	0.0113	**0.286**	
28	28			160	0.08097		0.000126	0.0126	**0.321**	
27	27			201	0.10211		0.000158	0.0142	**0.361**	
26	26			254	0.12875		0.000200	0.0159	**0.405**	
25	25			320	0.16235		0.000252	0.0179	**0.455**	
24	24			404	0.20473	0.20000	0.000317	0.0201	**0.511**	
23	23			509	0.25815		0.000400	0.0226	**0.573**	
22	22			642	0.32552	0.32000	0.000505	0.0253	**0.644**	
21	21			810	0.41048		0.000636	0.0285	**0.723**	
20	20			1021	0.51760		0.000802	0.0320	**0.812**	0.036
19	19			1288	0.65268		0.00101	0.0359	**0.912**	
18	18			1624	0.82301		0.00128	0.0403	**1.02**	0.046
17	17			2048	1.03780		0.00161	0.0453	**1.15**	
16	16			2582	1.30864	1.30000	0.00203	0.0508	**1.29**	0.058
15	15			3256	1.65016		0.00256	0.0571	**1.45**	
14	14			4106	2.08080	2.10000	0.00323	0.0641	**1.63**	0.073
13	13			5178	2.62384		0.00407	0.0720	**1.83**	
12	12			6529	3.30859	3.30000	0.00513	0.0808	**2.05**	0.092
11	11			8233	4.17204		0.00647	0.0907	**2.30**	
10	10		10	10382	5.26084	5.30000	0.00815	0.102	**2.59**	0.116
9	9		13	13091	6.63377		0.0103	0.114	**2.91**	0.130
8	8		17	16507	8.36501	8.40000	0.0130	0.128	**3.26**	0.146
7	7		21	20815	10.5481		0.0163	0.144	**3.66**	0.164
6	6		26	26248	13.3008	13.30000	0.0206	0.162	**4.12**	0.184
5	5		33	33098	16.7720		0.0260	0.182	**4.62**	0.206
4	4		42	41735	21.1490		0.0328	0.204	**5.19**	0.232
3	3		53	52627	26.6684	26.70000	0.0413	0.229	**5.83**	0.260
2	2		66	66361	33.6281	33.60000	0.0521	0.258	**6.54**	0.292
1	1		84	83680	42.4042		0.0657	0.289	**7.35**	0.332
0	1	/ 0	106	105518	53.4705		0.0829	0.325	**8.25**	0.373
-1	2	/ 0	133	133056	67.4249		0.1045	0.365	**9.27**	0.419
-2	3	/ 0	168	167780	85.0210		0.1318	0.410	**10.40**	0.471
-3	4	/ 0	212	211566	107.209		0.1662	0.460	**11.68**	0.528
-3.7	4.7	/ 0	250	250000	126.677	120.00000	0.1963	0.500	**12.70**	0.575
-4.5	5.5	/ 0	300	300000	152.012		0.2356	0.548	**13.91**	0.630

Continued on Next Page...

www.specialisedforce.com.au

SYDNEY Head Office (02) 9547 1844 **Adelaide** (08) 8352 8866 **Brisbane** (07) 3256 6011 **Townsville** (07) 4728 8756
Darwin (08) 8984 4453 **Melbourne** (03) 9761 4199 **Perth** (08) 9354 8544 **Port Hedland** (08) 9172 1113 **Tasmania** 0427 423 217

...Continued from Previous Page

LOGICAL AWG NUMBER	AWG (and "Aught" */0 Equiv)	MCM or kcmil	CIRCULAR MILS	Cross Section mm2	Max Metric UL 486 Equivalent mm2	Cross Section in2	Diameter SOLID inch	Diameter SOLID mm	Diameter Typ. Stranded inch Approx. Max.
-5.2	6.2 / 0	350	350000	177.348		0.2749	0.592	**15.03**	0.681
-5.7	6.7 / 0	400	400000	202.683		0.3142	0.632	**16.06**	0.728
-6.3	7.3 / 0	450	450000	228.018		0.3534	0.671	**17.04**	
-6.7	7.7 / 0	500	500000	253.354		0.3927	0.707	**17.96**	0.814
-7.5	8.5 / 0	600	600000	304.025		0.4712	0.775	**19.67**	0.893
-8.2	9.2 / 0	700	700000	354.695		0.5498	0.837	**21.25**	0.964
-8.5	9.5 / 0	750	750000	380.031		0.5890	0.866	**22.00**	0.999
-8.7	9.7 / 0	800	800000	405.366		0.6283	0.894	**22.72**	1.032
-9.2	10.2 / 0	900	900000	456.037		0.7069	0.949	**24.10**	
-9.7	10.7 / 0	1000	1000000	506.708	508.00000	0.7854	1.000	**25.40**	1.153
-10.7	11.7 / 0	1250	1250000	633.384		0.9817	1.118	**28.40**	1.289
-11.4	12.4 / 0	1500	1500000	760.061		1.1781	1.225	**31.11**	1.413
-12.1	13.1 / 0	1750	1750000	886.738		1.3744	1.323	**33.60**	
-12.7	13.7 / 0	2000	2000000	1013.415	1016.00000	1.5708	1.414	**35.92**	1.632

"Aught" probable old English contraction of "On(e n)aught" (1/0) or "one oh". Naught = no thing in old English or zero. Therefore "two naught" (2/0) is spoken "two 'aught" and so on.

MCM means 1000's (M) of (C)ircular (M)ils

KCMIL means 1000's (K) of (C)ircular (M)ils

Mil means 1/1000 inch

Circular Mil means the area of a circle 1/1000 inch in diameter

AWG = -4.3125 LN (mm2) + 17.16 (approx. interpolated)

AWG = -4.3125 LN (inch2) - 10.74 (approx. interpolated)

Logical AWG numbers are based on continuing the series in a logarithmic relationship to the cross sectional area of the wire.

PVC ELECTRICAL CONDUIT

Nom Size (mm)	O.D. (mm)	H/Duty Wall Thickness (mm)	M/Duty Wall Thickness (mm)
16	16	-	1.75
20	20	2.45	1.95
25	25	2.65	1.95
32	32	2.85	2.25
40	40	3.25	2.55
50	50	3.65	2.95
63	63	4.20	-
80	89	4.95	-
100	114.2	6.30	4.85
125	140	7.65	-
150	160.2	8.80	-

IMPERIAL FRACTIONS TO METRIC MILLIMETERS

Fractions		mm	Fractions		mm	Fractions		mm
1/64	=	0.3968	23/64	=	9.1279	11/16	=	17.46210
1/32	=	0.7937	3/8	=	9.5248	45/64	=	17.85900
3/64	=	1.1906	25/64	=	9.9216	23/32	=	18.25590
1/16	=	1.5874	13/32	=	10.3185	47/64	=	18.65270
5/64	=	1.9843	27/64	=	10.7154	3/4	=	19.04960
3/32	=	2.3812	7/16	=	11.1122	49/64	=	19.44650
7/64	=	2.7780	29/64	=	11.5091	25/32	=	19.84330
1/8	=	3.1749	15/32	=	11.9060	51/64	=	20.24020
9/64	=	3.5718	31/64	=	12.3029	13/16	=	20.63710
5/32	=	3.9686	1/2	=	12.6997	53/64	=	21.03390
11/64	=	4.3655	33/64	=	13.0966	27/32	=	21.43080
3/16	=	4.7624	17/32	=	13.4934	55/64	=	21.82770
13/64	=	5.1592	35/64	=	13.8903	7/8	=	22.22450
7/32	=	5.5561	9/16	=	14.2872	57/64	=	22.62140
15/64	=	5.9530	37/64	=	14.6841	29/32	=	23.01830
1/4	=	6.3498	19/32	=	15.0809	59/64	=	23.41510
17/64	=	6.7467	39/64	=	15.4778	15/16	=	23.81200
9/32	=	7.1436	5/8	=	15.8747	61/64	=	24.2089
19/64	=	7.5404	41/64	=	16.27150	31/32	=	24.60570
5/16	=	7.9373	21/32	=	16.66840	63/64	=	25.00260
21/64	=	8.3342	43/64	=	17.06530	1	=	25.40000
11/32	=	8.7310		=			=	

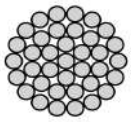
BARE CONDUCTORS TYPE AAC (ALUMINIUM CONDUCTORS MANUFACTURED TO AS 1531)

Conductor Codename & OLEX Product Code	Stranding & Wire OD (no/mm)	Nominal OD (mm)	Cross-Sectional Area (mm2)	Approx. Mass (kg/km)	Breaking Load (kN)
Leo	7/2.50	7.50	34.4	94.3	5.71
Leonids	7/2.75	8.25	41.6	113.0	6.72
Libra	7/3.00	9.00	49.5	135.0	7.98
Mars	7/3.75	11.30	77.3	211.0	11.80
Mercury	7/4.50	13.50	111.0	304.0	16.90
Moon	7/4.75	14.30	124.0	339.0	18.90
Neptune	19/3.25	16.30	158.0	433.0	24.70
Orion	19/3.50	17.50	183.0	503.0	28.70
Pluto	19/3.75	18.80	210.0	576.0	31.90
Saturn	37/3.00	21.00	262.0	721.0	42.20
Sirius	37/3.25	22.80	307.0	845.0	48.20
Taurus	19/4.75	23.80	337.0	924.0	51.30
Triton	37/3.75	26.30	409.0	1120.0	62.20
Uranus	61/3.25	29.30	506.0	1400.0	75.20
Ursula	61/3.50	31.50	587.0	1620.0	87.30
Venus	61/3.75	33.80	673.0	1860.0	97.20

www.specialisedforce.com.au

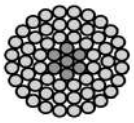
SYDNEY Head Office (02) 9547 1844 Adelaide (08) 8352 8866 Brisbane (07) 3256 6011 Townsville (07) 4728 8756
Darwin (08) 8984 4453 Melbourne (03) 9761 4199 Perth (08) 9354 8544 Port Hedland (08) 9172 1113 Tasmania 0427 423 217

BARE CONDUCTORS TYPE AAAC/1120 (ALUMINIUM ALLOY 1120 CONDUCTORS MANUFACTURED TO AS 1531)



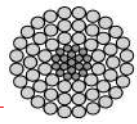
Conductor Codename & Product Code	Stranding & Wire OD (no/mm)	Nominal OD (mm)	Cross-Sectional Area (mm2)	Approx. Mass (kg/km)	Breaking Load (kN)
Chlorine	7/2.50	7.50	34.4	94.3	8.18
Chromium	7/2.75	8.25	41.6	113.0	9.91
Fluorine	7/3.00	9.00	49.5	135.0	11.80
Helium	7/3.75	11.30	77.3	211.0	17.60
Hydrogen	7/4.50	13.50	111.0	304.0	24.30
Iodine	7/4.75	14.30	124.0	339.0	27.10
Krypton	19/3.25	16.30	158.0	433.0	37.40
Lutetium	19/3.50	17.50	183.0	503.0	41.70
Neon	19/3.75	18.80	210.0	576.0	47.80
Nitrogen	37/3.00	21.00	262.0	721.0	62.20
Nobelium	37/3.25	22.80	307.0	845.0	72.80
Oxygen	19/4.75	23.80	337.0	924.0	73.60
Phosphorus	37/3.75	26.30	409.0	1120.0	93.10
Selenium	61/3.25	29.30	506.0	1400.0	114.00
Silicon	61/3.50	31.50	587.0	1620.0	127.00
Sulfur	61/3.75	33.80	673.0	1860.0	145.00

BARE CONDUCTORS TYPE ACSR/AC (ALUMINIUM CONDUCTORS, ALUMINIUM-CLAD STEEL REINFORCED MANUFACTURED TO AS 3607)



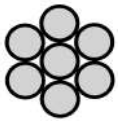
Codename & Product Code	Stranding & Wire		Nominal OD (mm)	Cross-Sectional Area (mm2)	Approx. Mass (kg/km)	Breaking Load (kN)
	Aluminium OD (no/mm)	Steel OD (no/mm)				
Angling	6/2.50	1/2.50	7.5	34.4	113	10.6
Aquatics	6/2.75	1/2.75	8.3	41.6	137	12.7
Archery	6/3.00	1/3.00	9.0	49.5	163	15.1
Baseball	6/3.75	1/3.75	11.3	77.3	254	22.3
Bowls	6/4.75	7/1.60	14.3	120.0	385	32.7
Cricket	30/2.50	7/2.50	17.5	182.0	636	64.4
Darts	30/3.00	7/3.00	21.0	262.0	913	91.6
Dice	30/3.25	7/3.25	22.8	307.0	1070	106.0
Diving	30/3.50	7/3.50	24.5	356.0	1240	122.0
Golf	54/3.00	7/3.00	27.0	431.0	1380	120.0
Gymnastics	54/3.25	7/3.25	29.3	506.0	1620	139.0
Hurdles	54/3.50	7/3.50	31.5	587.0	1880	159.0
Lacrosse	54/3.75	19/2.25	33.8	672.0	2150	180.0
Skating	3/1.75	4/1.75	5.3	16.8	83	12.3
Soccer	3/2.50	4/2.50	7.5	34.4	171	24.9
Swimming	4/3.00	3/3.00	9.0	49.5	218	28.9
Tennis	4/3.75	3/3.75	11.3	77.3	340	42.6

BARE CONDUCTORS TYPE ACSR/GZ (ALUMINIUM CONDUCTORS, GALVANISED STEEL REINFORCED MANUFACTURED TO AS 3607)



Codename & Product Code	Stranding & Wire		Nominal OD (mm)	Cross-Sectional Area (mm2)	Approx. Mass (kg/km)	A/F Across Flats Dimension (mm)		Breaking Load (kN)
	Aluminium OD (no/mm)	Steel OD (no/mm)				A/F Aluminium Outer	A/F Steel Inner	
Almond	6/2.50	1/2.50	7.5	34.4	119	14.00	6.80	10.5
Apricot	6/2.75	1/2.75	8.3	41.6	144			12.6
Apple	6/3.00	1/3.00	9.0	49.5	171	14.00	6.80	14.9
Banana	6/3.75	1/3.75	11.3	77.3	268	18.00	9.50	22.7
Cherry	6/4.75	7/1.60	14.3	120.0	402	22.00	9.50	33.4
Grape	30/2.50	7/2.50	17.5	182.0	677	28.50	16.00	63.5
Lemon	30/3.00	7/3.00	21.0	262.0	973	34.50	17.00	90.4
Lychee	30/3.25	7/3.25	22.8	307.0	1140			105.0
Lime	30/3.50	7/3.50	24.5	356.0	1320	40.00	19.00	122.0
Mango	54/3.00	7/3.00	27.0	431.0	1440	40.00	17.00	119.0
Orange	54/3.25	7/3.25	29.3	506.0	1690	44.50	19.00	137.0
Olive	54/3.50	7/3.50	31.5	587.0	1960	47.50	19.00	159.0
Pawpaw	54/3.75	19/2.25	33.8	672.0	2240	47.50	20.00	178.0
Quince	3/1.75	4/1.75	5.3	16.8	95			12.7
Raisin	3/2.50	4/2.50	7.5	34.4	195			24.4
Sultana	4/3.00	3/3.00	9.0	49.5	243			28.3
Walnut	4/3.75	3/3.75	11.3	77.3	380			43.9

BARE CONDUCTORS TYPE SC/GZ & SC/AC (GALVANISED STEEL CONDUCTORS MANUFACTURED TO AS 1222.1 AND ALUMINIUM-CLAD STEEL CONDUCTORS MANUFACTURED TO AS 1222.2)



SC/GZ

Product Code	Stranding & Wire OD (no/mm)	Nominal OD (mm)	Cross-Sectional Area (mm2)	Approx. Mass (kg/km)	Breaking Load (kN)
GALSTEEL 3/2.00	3/2.00	4.3	9.43	74	11.7
GALSTEEL 3/2.75	3/2.75	5.9	17.8	140	22.2
GALSTEEL 7/2.00	7/2.00	6.0	22.0	173	26.0
GALSTEEL 7/2.75	7/2.75	8.3	41.6	328	49.0
GALSTEEL 7/3.25	7/3.25	9.8	58.1	458	68.7
GALSTEEL 7/3.75	7/3.75	11.3	77.3	609	91.3
GALSTEEL 19/2.00	19/2.00	10.0	59.7	473	70.5
GALSTEEL 19/2.75	19/2.75	13.8	113	894	133
GALSTEEL 19/3.25	19/3.25	16.3	158	1250	186

SC/AC

Product Code	Stranding & Wire OD (no/mm)	Nominal OD (mm)	Cross-Sectional Area (mm2)	Approx. Mass (kg/km)	Breaking Load (kN)
ALCLAD3/2.75	3/2.75	5.9	17.82	118	22.7
ALCLAD3/3.00	3/3.00	6.5	21.21	141	27.0
ALCLAD3/3.25	3/3.25	7.0	24.89	165	31.6
ALCLAD3/3.75	3/3.75	8.1	33.12	220	39.3
ALCLAD7/2.75	7/2.75	8.3	41.58	277	50.1
ALCLAD7/3.00	7/3.00	9.0	49.48	330	59.7
ALCLAD7/3.25	7/3.25	9.8	58.07	387	69.9
ALCLAD7/3.75	7/3.75	11.3	77.28	515	86.9
ALCLAD7/4.25	7/4.25	12.8	99.33	662	105
ALCLAD19/2.75	19/2.75	13.8	112.9	755	136
ALCLAD19/3.00	19/3.00	15.0	134.3	899	162
ALCLAD19/3.25	19/3.25	16.3	157.6	1060	189
ALCLAD19/3.75	19/3.75	18.8	209.8	1410	236
ALCLAD19/4.25	19/4.25	21.3	269.6	1800	286

BARE CONDUCTORS HARD DRAWN COPPER (HARD DRAWN COPPER CONDUCTORS MANUFACTURED TO AS 1746)

Stranding & Wire OD (no/mm)	Nominal OD (mm)	Cross-Sectional Area (mm2)	Approx. Mass (kg/km)	Breaking Load (kN)
7/1.00	3.00	5.5	49.3	2.3
7/1.25	3.75	8.6	76.9	3.6
7/1.75	5.25	16.8	151.0	6.9
7/2.00	6.00	22.0	197.0	8.9
7/2.75	8.25	41.6	375.0	16.2
19/1.75	8.75	45.7	413.0	18.3
19/2.00	10.00	59.7	538.0	23.6
7/3.50	10.50	67.4	607.0	25.4
7/3.75	11.30	77.3	696.0	28.8
37/1.75	12.30	89.0	806.0	35.6
19/2.75	13.80	113.0	1020.0	43.1
19/3.00	15.00	134.0	1210.0	50.8
37/2.50	17.50	182.0	1640.0	70.3
37/2.75	19.30	220.0	1990.0	83.9
37/3.00	21.00	262.0	2370.0	98.9
61/2.75	24.80	362.0	3290.0	138.0

LV XLPE INSULATED AERIAL BUNDLED CABLES 2/3/4 CORE ALUMINIUM 0.6/1KV XLPE (X-90) INSULATED, AERIAL BUNDLED CABLES (SERVICE AND MAINS CABLES) TO AS/NZS 3560.1. HARD DRAWN ALUMINIUM CONDUCTORS.

Cross-Sectional Area (mm2)	Nominal Conductor OD (mm)	Average Insulation Thickness (mm)	Nominal Diameter Over Insulation (mm)	Nominal Diameter Over Laid-Up Cores (mm)	Approx. Mass (kg/km)	Minimum Bending Radius - Installed (mm)		Min. Breaking Load of Cable (kN)	Rec. Tension	
						Core	Cable		Highest Everyday Tension (kN)	Max Working Tension (kN)
2 Core										
16	4.7	1.3	7.4	14.8	130	30	90	4.4	0.79	1.23
25	5.9	1.3	8.6	17.2	190	35	100	7.0	1.26	1.96
35	6.9	1.3	9.6	19.3	250	60	120	9.8	1.76	2.74
50	8.1	1.5	11.2	22.3	340	65	130	14.0	2.52	3.92
95	11.4	1.7	14.9	29.8	640	90	270	26.6	4.79	7.45
3 Core										
25	5.9	1.3	8.6	18.5	290	35	110	10.5	1.89	2.94
35	6.9	1.3	9.6	20.8	370	60	120	14.7	2.65	4.12
50	8.1	1.5	11.2	24.1	510	65	140	21.0	3.78	5.88
4 Core										
16	4.7	1.3	7.4	17.8	270	30	110	8.8	1.58	2.46
25	5.9	1.3	8.6	20.8	390	35	120	14.0	2.52	3.92
35	6.9	1.3	9.6	23.2	500	60	140	19.6	3.53	5.49
50	8.1	1.5	11.2	27.0	670	65	160	28.0	5.04	7.84
70	9.7	1.5	12.8	30.8	930	75	280	39.2	7.06	11.00
95	11.4	1.7	14.9	36.0	1280	90	320	53.2	9.58	14.90
120	12.8	1.7	16.3	39.3	1570	100	350	67.2	12.10	18.80
150	14.2	1.7	17.7	42.8	1890	110	390	84.0	15.10	23.50

LV XLPE INSULATED AERIAL BUNDLED CABLES 2/3/4 CORE COPPER
0.6/1KV XLPE (X-90) INSULATED AERIAL BUNDLED CABLES (SERVICE CABLES) TO AS/NZS 3560.2. HARD DRAWN COPPER CONDUCTORS.

Nominal Conductor Area (mm2)	No. & Nominal X of Wires (No/mm)	Nominal Conductor X (mm)	Average Insulation Thickness (mm)	Nominal Diameter Over Insulation (mm)	Nominal Diameter Over Laid-Up Cores (mm)	Approx. Mass (kg/km)	Minimum Bending Radius - Installed (mm)		Min. Breaking Load of Cable (kN)	Rec. Tension	
							Core	Cable		Highest Everyday Tension (kN)	Max Working Tension (kN)
					2 Core						
6	7/1.04	3.1	1.3	5.8	11.7	150	25	70	4.6	0.84	1.30
10	7/1.35	4.1	1.3	6.8	13.5	230	25	80	7.8	1.41	2.20
16	7/1.70	5.1	1.3	7.8	15.6	350	30	95	11.8	2.13	3.32
					3 Core						
6	7/1.04	3.1	1.3	5.8	12.6	220	25	75	7.0	1.25	1.95
10	7/1.35	4.1	1.3	6.8	14.6	340	25	90	11.8	2.12	3.29
16	7/1.70	5.1	1.3	7.8	16.9	520	30	100	17.8	3.20	4.97
					4 Core						
6	7/1.04	3.1	1.3	5.8	14.1	290	25	85	9.3	1.67	2.60
10	7/1.35	4.1	1.3	6.8	16.3	460	25	100	15.7	2.82	4.39
16	7/1.70	5.1	1.3	7.8	18.9	690	30	110	23.7	4.26	6.63

PVC INSULATED AERIAL CABLES SINGLE/2/3 CORE COPPER
0.6/1KV PVC INSULATED AERIAL CABLES TO AS/NZS 5000.1. HARD DRAWN COPPER CONDUCTORS.

Nominal Conductor Area (mm2)	No. & Nominal X of Wires (No/mm)	Nominal Conductor X (mm)	Average Insulation Thickness (mm)	Nominal Diameter Over Insulation (mm)	Approx. Mass (kg/km)	Minimum Bending Radius - Installed (mm)	Min. Breaking Load of Cable (kN)	Rec. Tension	
								Highest Everyday Tension (kN)	Max Working Tension (kN)
					Single Core				
6	7/1.04	3.1	1.0	5.3	80	20	2.3	0.42	0.65
10	7/1.35	4.1	1.0	6.2	120	25	3.9	0.71	1.10
16	7/1.70	5.1	1.0	7.2	180	30	5.9	1.07	1.66
25	19/1.35	6.8	1.2	9.3	300	35	10.4	1.87	2.91
35	19/1.53	7.7	1.2	10.2	370	60	12.7	2.29	3.56
50	19/1.78	8.9	1.4	11.9	510	70	17.3	3.11	4.84
70	19/2.14	10.7	1.4	13.7	710	80	25.0	4.50	7.00
					2 Core				
6	7/1.04	3.1	1.0	5.3 x 11.1	150	30	4.6	0.84	1.30
10	7/1.35	4.1	1.0	6.2 x 13.0	240	35	7.8	1.41	2.20
16	7/1.70	5.1	1.0	7.2 x 15.1	360	45	11.8	2.13	3.32
25	19/1.35	6.8	1.2	9.3 x 19.2	600	55	20.8	3.74	5.82
					3 Core				
6	7/1.04	3.1	1.0	5.3 x 17.0	230	30	7.0	1.25	1.95
10	7/1.35	4.1	1.0	6.2 x 19.8	360	35	11.8	2.12	3.29
16	7/1.70	5.1	1.0	7.2 x 22.9	540	45	17.8	3.20	4.97

SYDNEY Head Office (02) 9547 1844 Adelaide (08) 8352 8866 Brisbane (07) 3256 6011 Townsville (07) 4728 8756
Darwin (08) 8984 4453 Melbourne (03) 9761 4199 Perth (08) 9354 8544 Port Hedland (08) 9172 1113 Tasmania 0427 423 217

PVC INSULATED TWISTED AERIAL CABLES 2/3/4 CORE COPPER 0.6/1KV PVC INSULATED TWISTED AERIAL CABLES TO AS/NZS 5000.1. HARD DRAWN COPPER CONDUCTORS.

Nominal Conductor Area (mm2)	No. & Nominal X of Wires (No/mm)	Nominal Conductor X (mm)	Average Insulation Thickness (mm)	Nominal Diameter Over Insulation (mm)	Nominal Diameter Over Laid-Up Cores (mm)	Approx. Mass (kg/km)	Minimum Bending Radius - Installed (mm)		Min. Breaking Load of Cable (kN)	Rec. Tension	
							Core	Cable		Highest Everyday Tension (kN)	Max Working Tension (kN)
2 Core											
6	7/1.04	3.1	1	5.3	10.5	160	20	65	4.6	0.84	1.30
10	7/1.35	4.1	1	6.2	12.4	240	25	75	7.8	1.41	2.20
16	7/1.70	5.1	1	7.2	14.5	370	30	85	11.8	2.13	3.32
25	19/1.35	6.8	1.2	9.3	18.6	610	35	110	20.8	3.74	5.82
3 Core											
6	7/1.04	3.1	1	5.3	11.3	240	20	70	7.0	1.25	1.95
10	7/1.35	4.1	1	6.2	13.3	360	25	80	11.8	2.12	3.29
16	7/1.70	5.1	1	7.2	15.6	550	30	95	17.8	3.20	4.97
25	19/1.35	6.8	1.2	9.3	20.1	910	35	120	31.2	5.62	8.74
4 Core											
6	7/1.04	3.1	1	5.3	12.7	310	20	75	9.3	1.67	2.60
10	7/1.35	4.1	1	6.2	14.9	480	25	90	15.7	2.82	4.39
16	7/1.70	5.1	1	7.2	17.5	730	30	100	23.7	4.26	6.63
25	19/1.35	6.8	1.2	9.3	22.5	1210	35	140	41.6	7.49	11.60

COVERED CONDUCTOR TYPE CCT 6.35/11, 12.7/22 & 19/33KV XLPE COVERED AERIAL CABLES TO AS/NZS 3675. WATERBLOCKED ALUMINIUM ALLOY 1120 CONDUCTORS. ALSO AVAILABLE WITH XLPE/HDPE COVERING.

Nominal Conductor Area (mm2)	No. & Nominal X of Wires (No/mm)	Nominal Conductor X (mm)	Average Insulation Thickness (mm)	Nominal Diameter Over Insulation (mm)	Approx. Mass (kg/km)	Minimum Bending Radius - Installed (mm)	Min. Breaking Load of Cable (kN)	Rec. Tension	
								Highest Everyday Tension (kN)	Max Working Tension (kN)
6.35/11kV									
40	7/2.75	8.4	3.4	15.8	260	240	9.9	1.49	4.96
80	7/3.75	11.4	3.4	18.8	400	280	17.6	2.64	8.80
120	7/4.75	14.5	3.4	21.9	580	330	27.1	4.07	13.60
180	19/3.50	17.7	3.4	25.0	790	380	41.7	6.26	20.90
240	19/4.01	20.2	3.4	27.7	1000	420	52.3	7.85	26.20
12.7/22kV									
80	7/3.75	11.4	5.5	23.0	530	350	17.6	2.64	8.80
120	7/4.75	14.5	5.5	26.1	720	390	27.1	4.07	13.60
180	19/3.50	17.7	5.5	29.2	960	440	41.7	6.26	20.90
19/33kV									
80	7/3.75	11.4	8	28.0	710	420	17.6	2.64	8.80
120	7/4.75	14.5	8	31.1	930	470	27.1	4.07	13.60
180	19/3.50	17.7	8	34.2	1190	510	41.7	6.26	20.90

www.specialisedforce.com.au

HV XLPE INSULATED NON METALLIC SCREENED ABC 6.35/11 & 12.7/22KV XLPE INSULATED NON METALLIC SCREENED AERIAL BUNDLED CABLES TO AS/NZS 3599.2. ALUMINIUM CONDUCTORS, ALUMINIUM ALLOY 1120 SUPPORT CONDUCTOR.

Nominal Conductor Area (mm2)	Nominal Conductor Diameter (mm)	Average Insulation Thickness (mm)	Nominal Diameter Over Insulation (mm)	Average Insulation Screen Thickness (mm)	Nominal Diameter Over Core (mm)	AAAC/1120 Support Conductor		Nominal Overall Diameter (mm)	Approx. Mass (kg/km)	Minimum Bending Radius - Installed (mm)	
						Size (No./mm)	Diameter (mm)			Core	Cable
6.35/11kV											
35	6.9	3.4	14.9	1	17.1	7/4.75	14.3	48.4	1170	260	480
50	8.1	3.4	16.0	1	18.2	7/4.75	14.3	50.7	1320	270	510
70	9.6	3.4	17.6	1	19.8	7/4.75	14.3	53.9	1560	300	540
95	11.4	3.4	19.3	1	21.5	7/4.75	14.3	57.3	1860	320	570
120	12.8	3.4	20.7	1	22.9	19/3.50	17.5	63.3	2280	340	630
150	14.2	3.4	22.1	1	24.3	19/3.50	17.5	66.2	2570	360	660
185	15.7	3.4	23.6	1	25.8	19/3.50	17.5	69.2	2890	390	690
12.7/22kV											
35	6.9	5.5	19.2	1	21.4	7/4.75	14.3	57.1	1540	320	570
50	8.1	5.5	20.3	1	22.5	7/4.75	14.3	59.3	1710	340	590
70	9.6	5.5	21.9	1	24.1	7/4.75	14.3	62.5	1990	360	630
95	11.4	5.5	23.6	1	25.8	7/4.75	14.3	66	2310	390	660
120	12.8	5.5	25.0	1	27.2	19/3.50	17.5	72	2760	410	720
150	14.2	5.5	26.4	1.1	28.8	19/3.50	17.5	75.2	3100	430	750
185	15.7	5.5	27.9	1.1	30.3	19/3.50	17.5	78.2	3460	460	780

Stranding & Nominal Wire X (No./mm)	Nominal Overall Diameter (mm)	Cross-sectional Area (mm2)	Minimum Breaking Load (kN)	Rec. Tension	
				Highest Everyday (kN)	Max. Working (kN)
7/4.75	14.3	124.0	27.1	4.1	13.6
19/3.50	17.5	182.8	41.7	6.3	20.9

HV XLPE INSULATED NON METALLIC ABC HDPE 6.35/11 & 12.7/22KV XLPE INSULATED NON METALLIC SCREENED AERIAL BUNDLED CABLES WITH HDPE COVERING TO AS/NZS 3599.2. ALUMINIUM CONDUCTORS, ALUMINIUM ALLOY 1120 SUPPORT CONDUCTOR.

Nominal Conductor Area (mm2)	Nominal Conductor Diameter (mm)	Average Insulation Thickness (mm)	Nominal Diameter Over Insulation (mm)	Average Insulation Screen Thickness (mm)	Nominal Diameter Over Core (mm)	AAAC/1120 Support Conductor		Nominal Overall Diameter (mm)	Approx. Mass (kg/km)	Minimum Bending Radius - Installed (mm)	
						Size (No./mm)	Diameter (mm)			Core	Cable
6.35/11kV											
35	6.9	3.4	14.9	1.8	18.8	7/4.75	14.3	52.0	1320	280	520
50	8.1	3.4	16.0	1.8	20.0	7/4.75	14.3	54.2	1490	300	540
70	9.6	3.4	17.6	1.8	21.6	7/4.75	14.3	57.4	1740	320	570
95	11.4	3.4	19.3	1.8	23.3	7/4.75	14.3	60.9	2050	350	610
120	12.8	3.4	20.7	1.8	24.7	19/3.50	17.5	66.9	2480	370	670
150	14.2	3.4	22.1	1.8	26.1	19/3.50	17.5	69.7	2780	390	700
185	15.7	3.4	23.6	1.8	27.6	19/3.50	17.5	72.7	3120	410	730
12.7/22kV											
35	6.9	5.5	19.2	1.8	23.1	7/4.75	14.3	60.6	1730	350	610
50	8.1	5.5	20.3	1.8	24.3	7/4.75	14.3	62.9	1910	360	630
70	9.6	5.5	21.9	1.8	25.9	7/4.75	14.3	66.1	2200	390	660
95	11.4	5.5	23.6	1.8	27.6	7/4.75	14.3	69.5	2530	410	690
120	12.8	5.5	25.0	1.8	29.0	19/3.50	17.5	75.5	3000	430	750
150	14.2	5.5	26.4	1.8	30.4	19/3.50	17.5	78.3	3320	460	780
185	15.7	5.5	27.9	1.8	31.9	19/3.50	17.5	81.3	3690	480	810

Stranding & Nominal Wire X (No./mm)	Nominal Overall Diameter (mm)	Cross-sectional Area (mm2)	Minimum Breaking Load (kN)	Rec. Tension	
				Highest Everyday (kN)	Max. Working (kN)
7/4.75	14.3	124.0	27.1	4.1	13.6
19/3.50	17.5	182.8	41.7	6.3	20.9

www.specialisedforce.com.au

SYDNEY Head Office (02) 9547 1844 Adelaide (08) 8352 8866 Brisbane (07) 3256 6011 Townsville (07) 4728 8756
Darwin (08) 8984 4453 Melbourne (03) 9761 4199 Perth (08) 9354 8544 Port Hedland (08) 9172 1113 Tasmania 0427 423 217

HV XLPE INSULATED METALLIC SCREENED ABC 6.35/11KV XLPE INSULATED COPPER WIRE SCREENED HDPE SHEATHED AERIAL BUNDLED CABLES TO AS/NZS 3599.1. ALUMINIUM CONDUCTORS, GALVANISED STEEL CATENARY.

Nominal Conductor Area (mm2)	Nominal Conductor Diameter (mm)	Average Insulation Thickness (mm)	Nominal Diameter Over Insulation (mm)	Average Insulation Screen Thickness (mm)	Copper Wire Screen Stranding (No./mm)	Nominal Diameter Over Screen (mm)	Average Sheath Thickness (mm)	Nominal Diameter Over Sheath (mm)	Galvanised Steel Catenary Stranding (No. mm)	Nominal Overall Diameter (mm)	Approx. Mass (kg/km)	Minimum Bending Radius - Installed (mm)	
												Core	Cable
Light duty screen													
35	6.9	3.4	14.9	0.8	24/0.85	19.2	1.8	23.5	7/2.00	53.1	1760	350	530
35	6.9	3.4	14.9	0.8	24/0.85	19.2	1.8	23.5	19/2.00	57.1	2060	350	570
50	8.1	3.4	16.0	0.8	24/0.85	20.4	1.8	24.7	19/2.00	59.3	2230	370	590
70	9.6	3.4	17.6	0.8	24/0.85	22.0	1.8	26.3	19/2.00	62.5	2500	390	630
95	11.4	3.4	19.3	0.8	24/0.85	23.7	1.8	28.0	19/2.00	66.0	2820	420	660
120	12.8	3.4	20.7	0.8	24/0.85	25.1	1.8	29.4	19/2.00	68.8	3100	440	690
150	14.2	3.4	22.1	0.8	24/0.85	26.5	1.9	31.0	19/2.00	72.0	3440	460	720
185	15.7	3.4	23.6	0.8	24/0.85	28.0	1.9	32.5	19/2.00	75.0	3800	490	750
Heavy duty screen													
35	6.9	3.4	14.9	0.8	40/0.85	19.2	1.8	23.5	7/2.00	53.1	2020	350	530
35	6.9	3.4	14.9	0.8	40/0.85	19.2	1.8	23.5	19/2.00	57.1	2310	350	570
50	8.1	3.4	16.0	0.8	23/1.35	21.4	1.8	25.7	19/2.00	61.3	2790	390	610
70	9.6	3.4	17.6	0.8	32/1.35	23.0	1.8	27.3	19/2.00	64.5	3420	410	650
95	11.4	3.4	19.3	0.8	38/1.35	24.7	1.8	29.0	19/2.00	68.0	3980	430	680
120	12.8	3.4	20.7	0.8	38/1.35	26.1	1.8	30.4	19/2.00	70.8	4270	460	710
150	14.2	3.4	22.1	0.8	38/1.35	27.5	1.9	32.0	19/2.00	74.0	4600	480	740
185	15.7	3.4	23.6	0.8	38/1.35	29.0	1.9	33.5	19/2.00	77.0	4960	500	770

Stranding & Nominal Wire X (No./mm)	Nominal Overall Diameter (mm)	Cross- sectional Area (mm2)	Minimum Breaking Load (kN)	Rec. Tension	
				Highest Everyday (kN)	Max. Working (kN)
7/2.00	6.0	22.0	26.0	6.5	13.0
19/2.00	10.0	59.7	70.5	17.6	35.3

HV XLPE INSULATED METALLIC SCREENED ABC 12.7/22KV XLPE INSULATED COPPER WIRE SCREENED HDPE SHEATHED AERIAL BUNDLED CABLES TO AS/NZS 3599.1. ALUMINIUM CONDUCTORS, GALVANISED STEEL CATENARY.

Nominal Cond. Area (mm2)	Nominal Conductor Diameter (mm)	Average Insulation Thickness (mm)	Nominal Diameter Over Insulation (mm)	Average Insulation Screen Thickness (mm)	Copper Wire Screen Stranding (No./mm)	Nominal Diameter Over Screen (mm)	Average Sheath Thickness (mm)	Nominal Diameter Over Sheath (mm)	Galvanised Steel Catenary Stranding		Nominal Overall Diameter (mm)	Approx. Mass (kg/km)	Minimum Bending Radius - Installed (mm)	
									Size (No.mm)	Diameter (mm)			Core	Cable
Light duty screen														
35	6.9	5.5	19.2	0.8	24/0.85	23.5	1.8	27.8	7/2.00	6	61.7	2210	420	620
35	6.9	5.5	19.2	0.8	24/0.85	23.5	1.8	27.8	19/2.00	10	65.7	2500	420	660
50	8.1	5.5	20.3	0.8	24/0.85	24.7	1.8	29.0	19/2.00	10	68.0	2690	430	680
70	9.6	5.5	21.9	0.8	24/0.85	26.3	1.9	30.8	19/2.00	10	71.6	3020	460	720
95	11.4	5.5	23.6	0.8	24/0.85	28.0	1.9	32.5	19/2.00	10	75.0	3370	490	750
120	12.8	5.5	25.0	0.8	24/0.85	29.4	2.0	34.1	19/2.00	10	78.2	3720	510	780
150	14.2	5.5	26.4	0.8	24/0.85	30.8	2.0	35.5	19/2.00	10	81.0	4060	530	810
185	15.7	5.5	27.9	0.8	24/0.85	32.3	2.1	37.2	19/2.00	10	84.4	4470	560	840
Heavy duty screen														
35	6.9	5.5	19.2	0.8	40/0.85	23.5	1.8	27.8	7/2.00	6	61.7	2460	420	620
35	6.9	5.5	19.2	0.8	40/0.85	23.5	1.8	27.8	19/2.00	10	65.7	2760	420	660
50	8.1	5.5	20.3	0.8	23/1.35	25.7	1.8	30.0	19/2.00	10	70.0	3250	450	700
70	9.6	5.5	21.9	0.8	32/1.35	27.3	1.9	31.8	19/2.00	10	73.6	3940	480	740
95	11.4	5.5	23.6	0.8	38/1.35	29.0	1.9	33.5	19/2.00	10	77.0	4530	500	770
120	12.8	5.5	25.0	0.8	38/1.35	30.4	2.0	35.1	19/2.00	10	80.2	4880	530	800
150	14.2	5.5	26.4	0.8	38/1.35	31.8	2.0	36.5	19/2.00	10	83.0	5220	550	830
185	15.7	5.5	27.9	0.8	38/1.35	33.3	2.1	38.2	19/2.00	10	86.4	5640	570	860

Stranding & Nominal Wire X (No./mm)	Nominal Overall Diameter (mm)	Cross- sectional Area (mm2)	Minimum Breaking Load (kN)	Rec. Tension	
				Highest Everyday (kN)	Max. Working (kN)
7/2.00	6.0	22.0	26.0	6.5	13.0
19/2.00	10.0	59.7	70.5	17.6	35.3

www.specialisedforce.com.au

www.specialisedforce.com.au

SYDNEY Head Office (02) 9547 1844 **Adelaide** (08) 8352 8866 **Brisbane** (07) 3256 6011 **Townsville** (07) 4728 8756
Darwin (08) 8984 4453 **Melbourne** (03) 9761 4199 **Perth** (08) 9354 8544 **Port Hedland** (08) 9172 1113 **Tasmania** 0427 423 217

NOTES

www.specialisedforce.com.au

www.specialisedforce.com.au

SYDNEY Head Office (02) 9547 1844 **Adelaide** (08) 8352 8866 **Brisbane** (07) 3256 6011 **Townsville** (07) 4728 8756
Darwin (08) 8984 4453 **Melbourne** (03) 9761 4199 **Perth** (08) 9354 8544 **Port Hedland** (08) 9172 1113 **Tasmania** 0427 423 217

NOTES

www.specialisedforce.com.au

SPECIALISED FORCE PTY. LTD.

HYDRAULIC TOOLS & ELECTRICAL CONTRACTORS EQUIPMENT

PROUDLY AUSTRALIAN OWNED & OPERATED Est. 1982

PROUDLY MARKETED, SERVICED & SUPPORTED AUSTRALIA WIDE

The content of this Catalogue is provided for information only and without responsibility. SPECIALISED FORCE PTY LTD makes no representations about the accuracy, reliability, completeness or timeliness of the information in this Catalogue. SPECIALISED FORCE PTY LTD may, in its sole discretion, revise the information contained herein at any time without notice. SPECIALISED FORCE PTY LTD's obligations and responsibilities regarding its products are governed solely by the agreements under which they are sold. Unless otherwise agreed in writing, the information contained herein does not become part of these agreements. This Catalogue does not contain any guarantee or agreed quality of SPECIALISED FORCE PTY LTD's products or any warranty of merchantability, fitness for a particular purpose and non-infringement. SPECIALISED FORCE PTY LTD may make changes in the products or services described at any time without notice.

SPECIALISED FORCE PTY LTD is not liable for any direct, indirect, incidental, consequential or punitive damages arising out of the use of this Catalogue. SPECIALISED FORCE PTY LTD reserves the right to supply alternative products at its discretion. The trademarks, service marks and logos (the Trademarks) displayed in this Catalogue are the property of SPECIALISED FORCE PTY LTD and/or its affiliates. Nothing in this Catalogue should be construed as granting any license or right to the Trademarks. Without the express written consent of SPECIALISED FORCE PTY LTD the use of the Trademarks is prohibited.

All text, images, graphics and other materials in this Catalogue are subject to the copyright and other intellectual property rights of SPECIALISED FORCE PTY LTD and/or its affiliates. These materials may not be modified or copied for commercial use or distribution.

Copyright © 2021. All rights reserved.

www.specialisedforce.com.au

QUALITY - SALES - SERVICE - SOLUTIONS