

ACSR CONDUCTORS

CODE WORD	ELECTRICAL CHARACTERISTICS					MECHANICAL CHARACTERISTICS											PING DATA						
	Nominal Copper Area	Calculated Equivalent Area of Aluminium	Calculated Resistance at 20 ° C when corrected to Standard weight	Approx Current Carring		No. of Wires		Diameter of Wires		Diameter of Conductor	Approx Weight of Conductor			Approx Ultimate Tensile Strenght of Conductor	Calculated Approximate Modulus of Elasticity	Calculated Approx Co efficient of Linear Expans	Standard Length Metres	No. of Length in One Reel	Nomenclature or Flange Dia	Approx Packed Gross Wt. of Reels with Conductor	Inside Traverse	Barrel Dia	Flange Dia
				At 40° C ambient Temperature Amp	At 45° C ambient Temperature Amp	Aluminium	Steel	Aluminium	Steel		Total	Aluminium	Steel										
	Sq.mm	Sq.mm	Ohms/Km					mm	mm	mm	Kg	Kg	Kg	Kg	Kg / CM <sup>2</sup> X 10 <sup>-2</sup>	per C x 10 <sup>-6</sup>			mm	Kg	mm	mm	mm
SQUIRREL	13	20.71	1.37400	115	107	6	1	2.11	2.11	6.33	85.00	57.60	27.40	771	0.8090	18.99	1250	6	990 Special	894.00	686.00	597.00	63.00
GOPHER	16	25.91	1.09800	133	123	6	1	2.36	2.36	7.08	106.00	71.90	34.10	952	0.8090	18.99	1985	3	990 Special	894.00	686.00	597.00	63.00
WEASEL	20	31.21	0.91160	150	136	6	1	2.59	2.59	7.77	128.00	86.80	41.20	1136	0.8090	18.99	1646	3	990 Special	894.00	686.00	597.00	63.00
FERRET	25	41.87	0.67950	181	168	6	1	3.00	3.00	9	171.00	116.10	54.90	1503	0.8090	18.99	1220	3	990 Special	894.00	686.00	597.00	63.00
RABBIT	30	52.21	0.54490	208	193	6	1	3.35	3.35	10.05	214.00	144.80	69.20	1860	0.8090	18.99	1957	1	990 Ordinary	600.00	457.00	597.00	51.00
MINK	40	62.32	0.45650	234	217	6	1	3.66	3.66	10.98	255.00	1726.00	82.40	2207	0.8090	18.99	1597	1	990 Ordinary	600.00	457.00	597.00	51.00
BEAVER	45	74.07	0.38410	261	242	6	1	3.99	3.99	11.97	303.00	205.40	97.60	2613	0.8090	18.99	1346	1	990 Ordinary	600.00	457.00	597.00	51.00
RACCOON	48	77.83	0.36560	270	250	6	1	4.09	4.09	12.27	318.00	215.00	103.00	2746	0.8090	18.99	1274	1	990 Ordinary	600.00	457.00	597.00	51.00
OTTER	50	82.85	0.34340	281	260	6	1	4.22	4.22	12.66	339.00	229.20	109.80	2923	0.8090	18.99	1200	1	990 Ordinary	600.00	457.00	597.00	51.00
CAT	55	94.21	0.30200	305	283	6	1	4.50	4.50	13.5	385.00	260.90	124.10	3324	0.8090	18.99	1056	1	990 Ordinary	600.00	457.00	597.00	51.00
DOG	65	103.60	0.27450	324	300	6	7	4.72	1.57	14.15	394.00	288.00	106.00	3299	0.7350	19.53	1106	1	990 Special	700.00	686.00	597.00	63.00
LEOPARD	80	129.70	0.21930	375	348	6	7	5.28	1.76	15.84	493.00	359.60	133.40	4137	0.7350	19.53	885	1	990 Special	700.00	686.00	597.00	63.00
COYOTE	80	128.50	0.22140	375	348	26	7	2.54	1.90	15.86	521.00	365.00	156.00	4638	0.7730	18.99	2017	1	1245	1425.00	660.00	597.00	76.50
TIGER	80	128.10	0.22210	382	354	30	7	2.36	2.36	16.52	604.00	362.50	241.50	5752	0.7870	17.73	1962	1	1245	1560.00	660.00	597.00	76.50
WOLF	95	154.30	0.18440	430	398	30	7	2.59	2.59	18.13	727.00	436.00	291.00	6680	0.7870	17.73	1634	1	1245	1560.00	660.00	597.00	76.50
LYNX	110	179.00	0.15890	475	440	30	7	2.79	2.79	19.53	884.00	506.00	338.00	7950	0.7870	17.73	1405	1	1245	1560.00	660.00	597.00	76.50
PANTHER	130	207.00	0.13750	520	482	30	7	3.00	3.00	21	975.00	586.00	390.00	9127	0.7870	17.73	1223	1	1245	1560.00	660.00	597.00	76.50
LION	140	232.00	0.12230	555	515	30	7	3.18	3.18	22.26	1097.00	659.00	438.00	10210	0.7870	17.73	1086	1	1245	1560.00	660.00	597.00	76.50
BEAR	160	258.10	0.11020	595	552	30	7	3.35	3.35	23.45	1229.00	738.00	491.00	11310	0.7970	17.73	975	1	1245	1560.00	660.00	579.00	76.50
GOAT	185	316.50	0.08989	680	630	30	7	3.71	3.71	25.97	1492.00	896.00	596.00	13780	0.7870	17.73	773	1	1346	1550.00	660.00	711.00	76.50
SHEEP	225	366.10	0.07771	745	690	30	7	3.99	3.99	27.93	1726.00	1036.00	690.00	15910	0.7870	17.73	667	1	1346	1550.00	660.00	711.00	76.50
DEER	260	419.30	0.06786	806	747	30	7	4.27	4.27	29.89	1977.00	1188.00	789.00	18230	0.7870	17.73	582	1	1346	1550.00	660.00	711.00	76.50
ELX	300	465.00	0.06110	860	796	30	7	4.50	4.50	31.5	2196.00	1320.00	876.00	20240	0.7870	17.73	526	1	1346	1550.00	660.00	711.00	76.50
MOOSE	325	515.70	0.05517	900	836	54	7	3.53	3.53	31.77	2002.00	1463.00	539.00	16250	0.6860	19.53	911	1	1600	2370.00	660.00	711.00	86.00
SPARROW	20	33.16	0.85780	-	-	6	1	2.67	2.67	8.01	135.00	92.00	43.00	1208	0.8090	18.99	1554	3	990 Special	890.00	686.00	597.00	63.00
FOX	22	36.21	0.78570	165	153	6	1	2.79	2.79	8.37	148.90	100.80	48.10	1313	0.8090	18.99	1420	3	990 Special	890.00	686.00	597.00	63.00
GUINEA	49	78.50	0.36200	-	-	12	7	2.92	2.92	14.6	590.00	224.00	366.00	6664	1.0550	15.30	1298	1	990 Special	1030.00	686.00	597.00	63.00
LARK	125	196.10	0.14510	-	-	30	7	2.92	2.92	20.44	992.00	556.00	366.00	8659	0.7870	17.73	1298	1	1245	1556.00	660.00	597.00	76.50
ZEBRA	260	418.60	0.06800	795	736	54	7	3.18	3.18	28.62	1623.00	1185.00	438.00	13316	0.6860	19.35	1085	1	1600	2363.00	660.00	711.00	86.00