



# Portable Cord Type W- Round

## Description

Sycor's Type W round portable cable is durable and versatile in severe weather conditions. The Type W has Chlorinated Polyethylene jacket making it water, sunlight and moisture resistant, as well as being able to withstand extend exposure to chemicals, heat and oils.

## Construction

Flexible annealed copper conductors in a rope lay; Insulated with color coded EP rubber heat resistant.

Cabled with non hygroscopic fillers and an overall jacket of heavy-duty chlorinated polyethylene.

W-flat construction may be available.

## Approvals

ICEA S-75-381  
NEMA WC-58  
UL Type W  
MSHA Approved

## Voltage Rating

2000V  
AMPS per ICEA

## Jacket

Chlorinated polyethylene minimum tensile strength 1800 psi. Color: Black

## Insulation

EP rubber

## Temperature Rating

-40°C to 90°C

## Application

Sycor's Type W-round portable cord is a strong solution for construction applications such as: lifting magnets, conveyors, portable power equipment, dockside cables, large power supplies, movie studios, mobile homes, oil rigs, battery chargers, traveling cranes, pumps, dams, and other industrial uses.



Sycor Part No	Size AWG	No. of Conductors	Stranding	Nominal Conductor		Nominal Insulation		Nominal O.D		Temperature	Ampacity	Approx Weight	
				inches	mm	inches	mm	inches	mm			lbs/1000ft	kg/km
W0802	8	2	133	0.16	4.064	0.060	1.524	0.770	19.558	-40°C to 90°C	74	325	484
W0602	6	2	259	0.198	5.029	0.060	1.524	0.910	23.114	-40°C to 90°C	99	470	699
W0402	4	2	259	0.245	6.223	0.060	1.524	1.020	25.908	-40°C to 90°C	130	620	923
W0202	2	2	259	0.297	7.544	0.080	2.032	1.210	30.734	-40°C to 90°C	174	935	1392
W0102	1	2	259	0.353	8.966	0.080	2.032	1.370	34.798	-40°C to 90°C	202	1305	1942
W1/002	1/0	2	259	0.385	9.779	0.080	2.032	1.435	36.449	-40°C to 90°C	234	1555	2314
W2/002	2/0	2	259	0.442	11.227	0.080	2.032	1.555	39.497	-40°C to 90°C	271	1860	2768
W3/002	3/0	2	259	0.480	12.192	0.080	2.032	1.670	42.418	-40°C to 90°C	313	2230	3319
W4/002	4/0	2	259	0.555	14.097	0.080	2.032	1.815	46.101	-40°C to 90°C	361	2655	3951
W0803	8	3	133	0.160	4.064	0.060	1.524	0.945	24.003	-40°C to 90°C	74	470	699
W0603	6	3	133	0.198	5.029	0.060	1.524	1.020	25.908	-40°C to 90°C	99	625	930
W0403	4	3	133	0.245	6.223	0.060	1.524	1.135	28.829	-40°C to 90°C	130	810	1205
W0203	2	3	133	0.297	7.544	0.080	2.032	1.345	34.163	-40°C to 90°C	174	1190	1771
W0103	1	3	133	0.353	8.966	0.080	2.032	1.455	36.957	-40°C to 90°C	202	1655	2463
W1/003	1/0	3	259	0.385	9.779	0.080	2.032	1.585	40.259	-40°C to 90°C	234	1965	2924
W2/003	2/0	3	259	0.442	11.227	0.080	2.032	1.675	42.545	-40°C to 90°C	271	2350	3497
W3/003	3/0	3	259	0.480	12.192	0.080	2.032	1.815	46.101	-40°C to 90°C	313	2890	4301
W4/003	4/0	3	259	0.555	14.097	0.080	2.032	1.950	49.53	-40°C to 90°C	361	3285	4889
W25003	250MCM	3	627	0.615	15.621	0.095	2.413	2.390	60.706	-40°C to 90°C	402	5070	7545
W35003	350MCM	3	855	0.725	18.415	0.095	2.413	2.680	68.072	-40°C to 90°C	495	6570	9778
W50003	500MCM	3	1235	0.880	22.352	0.095	2.413	3.030	76.962	-40°C to 90°C	613	8700	12948

## Colour Codes

Colour Chart	
Cond. #	Color
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green
5	Black, White, Red, Green, Orange

Note: Additional strandings, gauges, and constructions may be available upon request

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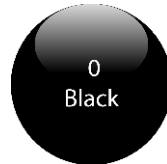
# Portable Cord Type W- Round

Sycor Part No	Size AWG	No. of Conductors	Stranding	Nominal Conductor		Nominal Insulation		Nominal O.D		Temperature	Ampacity	Approx Weight	
				inches	mm	inches	mm	inches	mm			lbs/1000ft	kg/km
W0804	8	4	133	0.160	4.064	0.060	1.524	0.980	24.892	-40°C to 90°C	65	615	915
W0604	6	4	259	0.198	5.0292	0.060	1.524	1.070	27.178	-40°C to 90°C	87	800	1191
W0404	4	4	259	0.245	6.223	0.060	1.524	1.210	30.734	-40°C to 90°C	114	1040	1548
W0204	2	4	259	0.297	7.5438	0.080	2.032	1.435	36.449	-40°C to 90°C	152	1580	2351
W0104	1	4	259	0.353	8.9662	0.080	2.032	1.595	40.513	-40°C to 90°C	177	2045	3043
W1/004	1/0	4	259	0.385	9.779	0.080	2.032	1.705	43.307	-40°C to 90°C	205	2430	3616
W2/004	2/0	4	259	0.442	11.227	0.080	2.032	1.845	46.863	-40°C to 90°C	237	2950	4390
W3/004	3/0	4	259	0.480	12.192	0.080	2.032	1.965	49.911	-40°C to 90°C	274	3430	5105
W4/004	4/0	4	259	0.555	14.097	0.080	2.032	2.145	54.483	-40°C to 90°C	316	3885	5782
W0805	8	5	133	0.160	4.064	0.060	1.524	1.030	26.162	-40°C to 90°C	52	650	967
W0605	6	5	259	0.198	5.0292	0.060	1.524	1.170	29.718	-40°C to 90°C	69	915	1362
W0405	4	5	259	0.245	6.223	0.060	1.524	1.360	34.544	-40°C to 90°C	91	1320	1964
W0205	2	5	259	0.297	7.5438	0.080	2.032	1.595	40.513	-40°C to 90°C	121	1925	2865
W0105	1	5	259	0.353	8.9662	0.080	2.032	1.820	46.228	-40°C to 90°C	141	2675	3981
W1/005	1/0	5	259	0.385	9.779	0.080	2.032	1.900	48.26	-40°C to 90°C	164	2885	4294
W2/005	2/0	5	259	0.442	11.227	0.080	2.032	2.060	52.324	-40°C to 90°C	189	3630	5402
W3/005	3/0	5	259	0.480	12.192	0.080	2.032	2.260	57.404	-40°C to 90°C	219	4900	7292
W4/005	4/0	5	259	0.555	14.097	0.080	2.032	2.460	62.484	-40°C to 90°C	252	5980	8900

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				inches	mm	inches	mm				lbs/1000ft	kg/km
W0402	4	2	259	0.060	1.524	0.61 x 1.05	15.5 x 26.7	-40°C to 90°C	127	Flat	550	819
W0302	3	2	259	0.060	1.524	0.68 x 1.14	17.3 x 29.0	-40°C to 90°C	145	Flat	675	1005
W0202	2	2	259	0.060	1.524	0.73 x 1.24	18.5 x 31.5	-40°C to 90°C	167	Flat	810	1205
W0102	1	2	259	0.080	2.032	0.81 x 1.40	20.6 x 35.6	-40°C to 90°C	191	Flat	1020	1518
W1/002	1/0	2	259	0.080	2.032	0.93 x 1.51	23.6 x 38.2	-40°C to 90°C	217	Flat	1265	1883
W2/002	2/0	2	329	0.080	2.032	0.99 x 1.63	25.1 x 41.4	-40°C to 90°C	250	Flat	1515	2255
W4/002	3/0	2	413	0.080	2.032	1.03 x 1.77	26.2 x 45.0	-40°C to 90°C	286	Flat	1810	2694
W4/002	4/0	2	532	0.080	2.032	1.10 x 1.89	27.9 x 48.0	-40°C to 90°C	328	Flat	2175	3237
W0604	6	4	133	0.060	1.524	0.67 x 1.69	17.0 x 42.9	-40°C to 90°C	79	Flat	895	1332
W0404	4	4	259	0.060	1.524	0.75 x 1.89	19.0 x 48.0	-40°C to 90°C	104	Flat	1185	1764
W0204	2	4	259	0.060	1.524	0.81 x 2.23	20.6 x 56.6	-40°C to 90°C	138	Flat	1620	2411
W0104	1	4	259	0.080	2.032	0.97 x 2.60	24.6 x 66.0	-40°C to 90°C	161	Flat	2100	3125
W1/004	1/0	4	259	0.080	2.032	1.01 x 2.73	25.7 x 69.3	-40°C to 90°C	186	Flat	2500	3721
W2/004	2/0	4	329	0.080	2.032	1.10 x 2.96	27.9 x 75.2	-40°C to 90°C	215	Flat	2900	4316
W3/004	3/0	4	413	0.080	2.032	1.18 x 3.25	30.0 x 82.6	-40°C to 90°C	249	Flat	3500	5209
W4/004	4/0	4	532	0.080	2.032	1.29 x 3.46	32.8 x 87.9	-40°C to 90°C	287	Flat	4225	6288

Note: Optional flat construction may be available upon request

### Jacket Colour



### Value Added Services



Cutting



Re-Spooling



Terminating

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