



**SYCOR**  
TECHNOLOGY INC.

Hook-Up Wire

## Type SIS - Switchboard Wire

90°C, 600 Volts



**DESCRIPTION:**

Bare or tinned copper stranded conductors insulated with a 90°C rated cross-linked polyethylene compound that makes small diameters and light weights possible. In addition, greater tensile strength and resistance to flame, fungus, tears and abrasion are provided.

**APPROVALS:**

CSA & UL approved, VW-1

**CONDUCTOR:**

Stranded bare or tinned copper.

**INSULATION:**

Chemically cross-linked polyethylene\*  
\*(XLPE)

**TEMPERATURE RATING:**

90°C

**VOLTAGE RATING:**

600 Volts

**APPLICATION:**

Panel boards, switchboards and control apparatus. For use at 600 volts 90°C maximum operation in dry locations in accordance with the National Electrical Code.

**COLOUR:**

Stock colours 0-9. Custom colours and striped combinations available upon request.

**COLOUR CODES:**

- |            |            |
|------------|------------|
| 0 - Black  | 5 - Green  |
| 1 - Brown  | 6 - Blue   |
| 2 - Red    | 7 - Violet |
| 3 - Orange | 8 - Grey   |
| 4 - Yellow | 9 - White  |

Sycor Part Number	Size AWG	Strandin	Nom. Wall Thickness in Inches	Nom. O.D.	Approx. Weight Lbs/Mft.
A3L1407B	14	7/.0242	.030"	.140"	17
A3L1419B	14	19/.0147	.030"	.140"	17
A3L1441B	14	41/30	.030"	.150"	20
A3L1207B	12	7/.0305	.030"	.160"	23
A3L1219B	12	19/.0185	.030"	.160"	23
A3L1265B	12	65/30	.030"	.160"	23
A3L1007B	10	7/.0385	.030"	.180"	35
A3L1019B	10	19/.0234	.030"	.190"	36
A3L10105B	10	105/30	.030"	.190"	36
A3L0807B	8	7/.0486	.045"	.250"	58
A3L08133B	8	133/29	.045"	.270"	62
A3L0607B	6	7/.0612	.060"	.320"	94
A3L0619B	6	19/.0372	.060"	.330"	94
A3L06133B	6	133/27	.060"	.330"	99
A3L0407B	4	7/.0772	.060"	.370"	190
A3L04133B	4	133/25	.060"	.400"	185
A3L0207B	2	7/.0974	.060"	.430"	255
A3L1/019B	1/0	19/.0745	.080"	.540"	408
A3L2/019B	2/0	19/.0837	.080"	.590"	490
A3L3/019B	3/0	19/.0940	.080"	.640"	614

**\*\* VARIOUS OTHER CONSTRUCTIONS AVAILABLE \*\***

\*\*The suffix "B" in the above Sycor partnumbers will be replaced by a "T" should tinned copper be required.

**VALUE ADDED SERVICES**  
Cutting & Stripping, Stripping,  
Terminating, Twisting,  
Custom Printing