



SYCOR
TECHNOLOGY INC.



CONSTRUCTION:

Ultra flexible stranded bare copper conductor insulated with a 5 mil wall of extruded polyvinyl Chloride providing ultimate flexibility in a microminiature hookup wire.

TEMPERATURE RATING:

-55°C to +90°C

VOLTAGE RATING:

200 Volts

INSULATION:

Extruded Polyvinyl Chloride

APPLICATION:

Recording instruments, gyroscopes, computers, biomedical instruments, and other specialized applications where ultra flexibility is required in a microminiature insulated conductor.

COLOUR:

Stock colour 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 |

**Ultra Flexible Microminiature
Vinyl Insulated Lead Wire**

Sycor Part Number	Conductor			Nom. Wall Thick.	Diameter Over Insulation			
	Size AW	Mil Area	Strand. Diam.		Min.	Nom	Max.	
	38	16.0	16/50	.0046	.005	.013	.015	.017
	38	17.9	7/46	.0048	.005	.013	.015	.017
	36	25.0	25/50	.0058	.005	.014	.016	.018
	36	28.0	7/44	.0060	.005	.014	.016	.018
	34	40.0	40/50	.0073	.005	.015	.017	.019
	34	40.0	10/44	.0073	.005	.015	.017	.019
	34	43.8	7/42	.0075	.005	.016	.018	.020
	32	65.0	65/50	.0093	.005	.016	.019	.021
	32	64.0	25/46	.0093	.005	.017	.019	.021
	32	64.0	16/44	.0093	.005	.017	.019	.021
	32	67.3	7/40	.0093	.005	.020	.019	.021
	30	102.0	40/46	.0117	.005	.020	.022	.024
	30	100.0	25/44	.0115	.005	.020	.022	.024
	30	96.1	10/40	.0114	.005	.020	.022	.024
	30	112.0	7/38	.0120	.005	.020	.022	.024

Most of the above items are available with tinned copper stranded conductors on a special order basis.

Sycor Advance Wire and Cable