

NEO SIEGER Wires

NEH

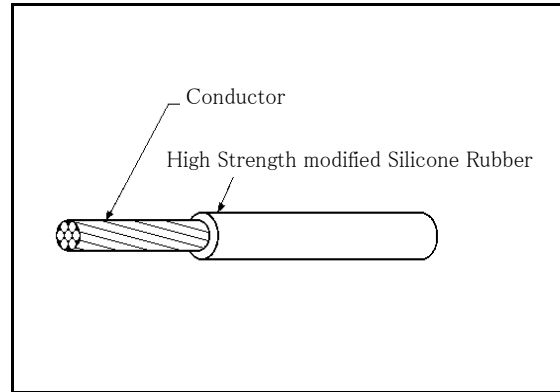
NEO SIEGER Wires NEH

STRUCTURE
It is the electric wire that extruded and covered with high strength modified silicone rubber over tin coated annealed copper wire.

FEATURES
It is excellent in elastic behavior, oil resistance, electrical characteristics. Various usage are complied in non-braiding, since it is more excellent in the mechanical strength than conventional silicone rubber insulated electric wire. It is excellent in the fire resistance, and VW-1 (the vertical flame test) is passed.

Rated Temperature : -20~180°C

Typical Products No. SP3706B



Standard Color : White, Black, Red, Blue, Green, Yellow

Conductor			Thickness of Insulation mm	Standard Overall Diameter mm	Test Voltage AC·V/min	Minimum Insulation Resistance 20°C MΩ·Km	Maximum Conductor Resistance 20°C Ω/ Km
Diameter or Nominal Cross-sectional Area	Composition No./Diameter of Component Wire	Outside Diameter mm					
0.18mm ²	7/0.18	0.54	0.33	1.20	1500	100	110
0.2	7/0.2	0.6	0.33	1.26	1500	100	89.5
0.3	12/0.18	0.72	0.33	1.38	1500	100	65.0
0.5	20/0.18	0.91	0.33	1.57	1500	100	41.0
0.75	30/0.18	1.14	0.35	1.84	1500	100	25.8
1.25	50/0.18	1.47	0.35	2.17	1500	100	15.5
2.0	37/0.26	1.83	0.35	2.53	1500	50	10.0

Silicone rubber insulated glass single braided wires

REH-SG-E

SIEGER Wire REH-SG-E

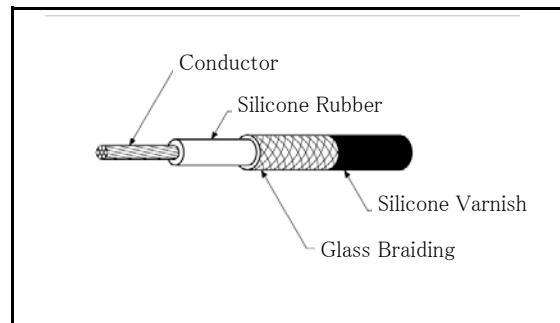
STRUCTURE
It is the electric wire which conducted the glass braiding to silicone rubber insulated wire and treated surface by the silicone varnish.

FEATURES
It is more excellent for water resistance, fire resistance (JIS C 3005) than REH-SG.

Rated Temperature : -60~180°C

OTHER
It is a standard of silicone rubber insulated electric wire.

Typical Products No. SP3320C



Standard Color : White, Black, Red, Blue, Yellow

Conductor			Thickness of Insulation mm	Thickness of Braiding mm	Standard Overall Diameter mm	Test Voltage AC·V/min	Minimum Insulation Resistance 20°C MΩ·Km	Maximum Conductor Resistance 20°C Ω/ Km
Diameter or Nominal Cross-sectional Area	Composition No./Diameter of Component Wire	Outside Diameter mm						
0.5mm	1/0.5	0.5	0.3	0.2	1.6	1500	100	91.4
0.6	1/0.6	0.6	0.3	0.2	1.7	1500	100	63.5
0.8	1/0.8	0.8	0.3	0.2	1.9	1500	100	35.7
1.0	1/1.0	1.0	0.3	0.2	2.1	1500	100	22.9
1.2	1/1.2	1.2	0.3	0.2	2.3	1500	100	15.8
1.6	1/1.6	1.6	0.3	0.2	2.7	1500	100	8.9
0.14mm ²	7/0.16	0.5	0.3	0.2	1.6	1500	100	165.0
0.3	12/0.18	0.7	0.3	0.2	1.8	1500	100	64.4
0.5	20/0.18	0.9	0.3	0.2	2.1	1500	100	38.6
0.75	30/0.18	1.2	0.3	0.2	2.3	1500	100	25.8
1.25	50/0.18	1.5	0.3	0.2	2.6	1500	100	15.5
2.0	37/0.26	1.8	0.35	0.2	3.0	1500	100	9.91
3.5	45/0.32	2.5	0.4	0.25	4.0	1500	100	5.38
5.5	35/0.45	3.1	0.4	0.25	4.7	1500	100	3.46
8.0	50/0.45	3.7	0.6	0.25	5.7	1500	100	2.45
14.0	88/0.45	4.9	0.6	0.25	6.9	1500	100	1.39
22.0	7/20/0.45	7.0	0.9	0.35	10.1	1500	40	0.892
38.0	7/34/0.45	9.1	1.0	0.4	12.7	1500	40	0.525
50.0	19/16/0.45	10.4	1.3	0.4	13.7	1500	20	0.411
60.0	19/20/0.45	11.6	1.3	0.4	14.9	1500	20	0.329