

# Silicone Heat Resistant Cable Series

SIF / SIF-GL(S) / SIHF / SIHF-SB / SIHF-TP(S) / SIHF-GL(S)

SIHF			
Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm approx.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm approx.
2 x 0.5	6.3	2 x 4.0	12.2
3 x 0.5	6.6	3 x 4.0	12.9
4 x 0.5	7.7	4 x 4.0	14.7
5 x 0.5	8.3	5 x 4.0	16.0
6 x 0.5	9.0	6 x 4.0	17.4
7 x 0.5	9.0	7 x 4.0	17.4
		12 x 4.0	23.6
2 x 0.75	6.7	2 x 6.0	13.4
3 x 0.75	7.4	3 x 6.0	14.6
4 x 0.75	8.2	4 x 6.0	16.1
5 x 0.75	8.9	5 x 6.0	18.2
6 x 0.75	9.8		
7 x 0.75	9.8		
		2 x 10.0	16.8
2 x 1.0	7.4	3 x 10.0	18.4
3 x 1.0	7.8	4 x 10.0	20.3
4 x 1.0	8.7		
5 x 1.0	9.6	2 x 16.0	19.9
6 x 1.0	10.3	3 x 16.0	21.1
7 x 1.0	10.3	4 x 16.0	23.8
2 x 1.5	8.4	2 x 25.0	23.7
3 x 1.5	8.9	3 x 25.0	25.1
4 x 1.5	10.0	4 x 25.0	28.2
5 x 1.5	11.3		
6 x 1.5	12.2	2 x 35.0	27.3
7 x 1.5	12.2	3 x 35.0	29.0
10 x 1.5	15.4	4 x 35.0	32.9
12 x 1.5	16.1		
14 x 1.5	16.9	4 x 50.0	39.6
16 x 1.5	18.3		
18 x 1.5	19.2	3 x 75.0	41.3
19 x 1.5	19.2		
20 x 1.5	19.7	3 x 95.0	48.6
24 x 1.5	21.2		
27 x 1.5	22.6		
37 x 1.5	25.6		
2 x 2.5	9.9		
3 x 2.5	10.5		
4 x 2.5	12.1		
5 x 2.5	13.1		
6 x 2.5	14.6		
7 x 2.5	14.6		
8 x 2.5	15.8		
10 x 2.5	18.6		
12 x 2.5	19.4		
16 x 2.5	21.5		
20 x 2.5	23.6		
24 x 2.5	25.4		

Conductor structure can be customized according to clients requirement.

SIHF-SB			
Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm approx.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm approx.
2 x 0.5	7.5	2 x 4.0	13.0
3 x 0.5	7.8	3 x 4.0	13.7
4 x 0.5	8.4	4 x 4.0	15.3
5 x 0.5	9.2	5 x 4.0	16.6
6 x 0.5	9.8	6 x 4.0	18.6
7 x 0.5	9.8	7 x 4.0	18.6
		2 x 6.0	14.6
2 x 0.75	7.9	3 x 6.0	15.4
3 x 0.75	8.3	4 x 6.0	16.8
4 x 0.75	8.9	5 x 6.0	18.9
5 x 0.75	9.8		
6 x 0.75	10.5		
7 x 0.75	10.5		
		2 x 10.0	18.2
2 x 1.0	8.3	3 x 10.0	19.2
3 x 1.0	8.6	4 x 10.0	21.0
4 x 1.0	9.5		
5 x 1.0	10.2	2 x 16.0	20.8
6 x 1.0	11.4	3 x 16.0	22.0
7 x 1.0	11.4	4 x 16.0	24.4
2 x 1.5	9.5	2 x 25.0	23.7
3 x 1.5	9.9	3 x 25.0	25.1
4 x 1.5	11.1	4 x 25.0	28.2
5 x 1.5	12.0		
6 x 1.5	12.9		
7 x 1.5	12.9		
10 x 1.5	16.1		
12 x 1.5	16.7		
14 x 1.5	18.1		
16 x 1.5	19.0		
18 x 1.5	19.9		
19 x 1.5	19.9		
20 x 1.5	20.4		
24 x 1.5	21.8		
27 x 1.5	23.3		
37 x 1.5	26.3		
2 x 2.5	11.2		
3 x 2.5	11.7		
4 x 2.5	12.7		
5 x 2.5	13.8		
6 x 2.5	15.3		
7 x 2.5	15.3		
10 x 2.5	19.3		
12 x 2.5	20.1		

Conductor structure can be customized according to clients requirement.

SIF	
Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm approx.
0.5	2.1
0.75	2.3
1.0	2.5
1.5	3.0
2.5	3.7
4.0	4.6
6.0	5.2
10.0	6.7
16.0	8.4
25.0	10.2
35.0	11.7
50.0	13.8
70.0	16.2
95.0	18.3
120.0	20.0
150.0	22.2
185.0	25.0
240.0	27.9
300.0	31.0
325.0	32.2

SIF-GL(S)	
Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm approx.
0.5	2.5
0.75	2.7
1.0	2.9
1.5	3.4
2.5	4.2
4.0	5.1
6.0	5.7
10.0	7.2
16.0	9.0
25.0	10.8
35.0	12.5
50.0	14.6
70.0	17.0
95.0	19.1
120.0	21.0
150.0	23.2
185.0	26.0
240.0	28.9
300.0	32.0
325.0	33.2

Outer shield is optional in accordance with working environment (Stainless Steel or Galvanized Steel)

SIHF-GL(S)			
Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm approx.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm approx.
2 x 0.5	6.8	2 x 4.0	12.8
3 x 0.5	7.1	3 x 4.0	13.5
4 x 0.5	8.2	4 x 4.0	15.3
5 x 0.5	8.8	5 x 4.0	16.8
6 x 0.5	9.5	6 x 4.0	18.2
7 x 0.5	9.5	7 x 4.0	18.2
		12 x 4.0	24.6
2 x 0.75	7.2	2 x 6.0	14.0
3 x 0.75	7.9	3 x 6.0	15.2
4 x 0.75	8.7	4 x 6.0	16.9
5 x 0.75	9.4	5 x 6.0	19.0
6 x 0.75	10.3		
7 x 0.75	10.3		
		2 x 10.0	17.6
2 x 1.0	7.9	3 x 10.0	19.2
3 x 1.0	8.3	4 x 10.0	21.3
4 x 1.0	9.2		
5 x 1.0	10.1	2 x 16.0	20.7
6 x 1.0	10.9	3 x 16.0	22.1
7 x 1.0	10.9	4 x 16.0	24.8
2 x 1.5	8.9	2 x 25.0	24.7
3 x 1.5	9.4	3 x 25.0	26.1
4 x 1.5	10.6	4 x 25.0	29.2
5 x 1.5	11.9		
6 x 1.5	12.8	2 x 35.0	28.3
7 x 1.5	12.8	3 x 35.0	30.0
10 x 1.5	16.2	4 x 35.0	33.9
12 x 1.5	16.9		
14 x 1.5	17.7	4 x 50.0	40.6
16 x 1.5	19.1		
18 x 1.5	20.0	3 x 75.0	42.3
19 x 1.5	20.0		
20 x 1.5	20.5		
24 x 1.5	22.2	3 x 95.0	49.6
27 x 1.5	23.6		
37 x 1.5	26.6		
2 x 2.5	10.4		
3 x 2.5	11.1		
4 x 2.5	12.7		
5 x 2.5	13.7		
6 x 2.5	15.2		
7 x 2.5	15.2		
8 x 2.5	16.6		
10 x 2.5	19.4		
12 x 2.5	20.2		
16 x 2.5	22.5		
20 x 2.5	24.6		
24 x 2.5	26.4		

Outer shield is optional in accordance with working environment (Stainless Steel or Galvanized Steel)

SIHF-TP(S)			
Number of pairs and mm <sup>2</sup> per conductor	Outer diameter in mm approx.	Number of pairs and mm <sup>2</sup> per conductor	Outer diameter in mm approx.
1P - 0.5	6.3	1P - 1.0	7.4
2P - 0.5	9.9	2P - 1.0	11.8
3P - 0.5	10.5	3P - 1.0	12.4
4P - 0.5	11.8	4P - 1.0	13.5
5P - 0.5	13.5	5P - 1.0	15.4
6P - 0.5	14.0	6P - 1.0	16.5
7P - 0.5	14.0	7P - 1.0	16.5
8P - 0.5	15.2	8P - 1.0	18.0
9P - 0.5	16.6	9P - 1.0	19.0
10P - 0.5	17.7	10P - 1.0	20.3
12P - 0.5	18.3	12P - 1.0	21.0
1P - 0.75	6.7	1P - 1.5	8.4
2P - 0.75	11.1	2P - 1.5	13.5
3P - 0.75	11.7	3P - 1.5	14.7
4P - 0.75	12.7	4P - 1.5	16.6
5P - 0.75	14.4	5P - 1.5	18.4
6P - 0.75	15.0	6P - 1.5	19.0
7P - 0.75	15.0	7P - 1.5	19.0
8P - 0.75	16.9	8P - 1.5	20.8
9P - 0.75	17.8	9P - 1.5	22.4
10P - 0.75	19.0	10P - 1.5	23.9
12P - 0.75	19.6	12P - 1.5	24.8

Individual pair shield is optional in accordance with customer's demand

Specification not shown will be optional

SIHF-GL(S)			
Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm approx.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm approx.
2 x 0.5	6.8	2 x 4.0	12.8
3 x 0.5	7.1	3 x 4.0	13.5
4 x 0.5	8.2	4 x 4.0	15.3
5 x 0.5	8.8	5 x 4.0	16.8
6 x 0.5	9.5	6 x 4.0	18.2
7 x 0.5	9.5	7 x 4.0	18.2
		12 x 4.0	24.6
2 x 0.75	7.2	2 x 6.0	14.0
3 x 0.75	7.9	3 x 6.0	15.2
4 x 0.75	8.7	4 x 6.0	16.9
5 x 0.75	9.4	5 x 6.0	19.0
6 x 0.75	10.3		
7 x 0.75	10.3		
		2 x 10.0	17.6
2 x 1.0	7.9	3 x 10.0	19.2
3 x 1.0	8.3	4 x 10.0	21.3
4 x 1.0	9.2		
5 x 1.0	10.1	2 x 16.0	20.7
6 x 1.0	10.9	3 x 16.0	22.1
7 x 1.0	10.9	4 x 16.0	24.8
2 x 1.5	8.9	2 x 25.0	24.7
3 x 1.5	9.4	3 x 25.0	26.1
4 x 1.5	10.6	4 x 25.0	29.2
5 x 1.5	11.9		
6 x 1.5	12.8	2 x 35.0	28.3
7 x 1.5	12.8	3 x 35.0	30.0
10 x 1.5	16.2	4 x 35.0	33.9
12 x 1.5	16.9		
14 x 1.5	17.7	4 x 50.0	40.6
16 x 1.5	19.1		
18 x 1.5	20.0	3 x 75.0	42.3
19 x 1.5	20.0		
20 x 1.5	20.5		
24 x 1.5	22.2	3 x 95.0	49.6
27 x 1.5	23.6		
37 x 1.5	26.6		
2 x 2.5	10.4		
3 x 2.5	11.1		
4 x 2.5	12.7		
5 x 2.5	13.7		
6 x 2.5	15.2		
7 x 2.5	15.2		
8 x 2.5	16.6		
10 x 2.5	19.4		
12 x 2.5	20.2		
16 x 2.5	22.5		
20 x 2.5	24.6		
24 x 2.5	26.4		

Outer shield is optional in accordance with working environment (Stainless Steel or Galvanized Steel)