



Application

- ✓ Connecting and control cables
- ✓ Industrial environment
- ✓ Dry, damp or wet interiors
- ✓ Under medium mechanical load condition
- ✓ Power stations
- ✓ Air conditioning installations
- ✓ Machine engineering
- ✓ Plant engineering and construction
- ✓ Fixed installation

Features

- ✓ Highly resistive to many acids, caustic solutions and various oils
- ✓ Reduced space requirements due to small outer diameters
- ✓ High insulation performance
- ✓ High flexibility
- ✓ Better sliding effect and safe separation of the cores
- ✓ Flame retardant

Product Construction

- ✓ Conductor : Finely Stranded Bare Copper Wires
- ✓ Insulation : PVC Compound
- ✓ Cores : Twisted in layer
- ✓ Outer Sheath : PVC Material
- ✓ Colored Cores

ISO 9001	ISO 14001	AS 9100	ISO 45001
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Technical Data

- ✓ Temperature Range :
Flexible applications : - 5°C to +70°C
Fixed Installation : - 40°C to +80°C
- ✓ Test Voltage : 4 kV
- ✓ Protective Conductor(PC) :
G- With green/yellow PC, X -Without PC
- ✓ Bending Radius(Minimum) :
Flexing : 15 x Cable Diameter
Static : 4 x Cable Diameter
- ✓ Rated Voltage : (U₀/U)
Up to 1.5mm² : 300/500 V
From 2.5mm² : 450/750 V
From 2.5mm² (Fixed & Protected Installation) : 600/1000 V
- ✓ Specific Insulation Resistance :
>20 G Ohm x cm.

Siechem SFLEX CLASSIC 100 Flexible Cables 1kV RoHS

Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
6010602	2C x 0.5	5.5	9.6	43
6010603G	3 G 0.5	5.8	14.4	51
6010603	3C x 0.5	5.8	15.0	51
6010604G	4 G 0.5	6.4	19.2	62
6010604	4C x 0.5	6.4	19.2	62
6010605G	5 G 0.5	7.0	24.0	76
6010605	5C x 0.5	7.0	24.0	76
6010606G	6 G 0.5	7.6	29.0	90
6010607G	7 G 0.5	7.6	33.6	83
6010608G	8 G 0.5	8.3	38.4	91
6010610G	10 G 0.5	9.7	48.0	116
6010612G	12 G 0.5	9.9	58.0	131
6010614G	14 G 0.5	10.4	67.0	150
6010616G	16 G 0.5	11.0	76.0	169
6010621G	21 G 0.5	12.6	99.0	222
6010624G	24 G 0.5	14.0	114.0	254
6010627G	27 G 0.5	14.7	128.0	283
6010640G	40 G 0.5	16.6	192.0	401
6010802	2C x 0.75	6.3	14.4	58
6010803G	3 G 0.75	6.7	21.6	69
6010803	3C x 0.75	6.7	21.6	69
6010804G	4 G 0.75	7.1	28.8	83
6010804	4C x 0.75	7.1	28.8	83
6010805G	5 G 0.75	7.9	36.0	101
6010805	5C x 0.75	7.9	36.0	101
6010806G	6 G 0.75	8.6	43.3	121
6010807G	7 G 0.75	8.6	50.0	111
6010808G	8 G 0.75	9.8	57.1	127
6010809G	9 G 0.75	10.7	64.3	142
6010810G	10 G 0.75	11.2	72.0	157
6010812G	12 G 0.75	11.6	86.4	184
6010815G	15 G 0.75	12.9	108.0	227
6010818G	18 G 0.75	13.7	129.6	268
6010821G	21 G 0.75	14.5	151.0	310
6010825G	25 G 0.75	16.2	180.0	367
6010840G	40 G 0.75	19.6	285.6	570
6010850G	50 G 0.75	22.2	360.0	710
6011002	2C x 1	6.6	19.2	67
6011003G	3 G 1	7.1	29.0	81

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6011003	3C x 1	7.1	29.0	81
6011004G	4 G 1	7.8	38.4	101
6011004	4C x 1	7.8	38.4	101
6011005G	5 G 1	8.5	48.0	123
6011005	5C x 1	8.5	48.0	123
6011006G	6 G 1	9.1	58.0	144
6011007G	7 G 1	9.1	67.0	133
60110 08G	8 G 1	10.3	77.0	153
6011010G	10 G 1	11.8	96.0	188
6011012G	12 G 1	12.5	115.0	227
6011016G	16 G 1	13.7	154.0	290
6011018G	18 G 1	14.6	173.0	324
6011020G	20 G 1	15.4	192.0	358
6011025G	25 G 1	17.3	240.0	443
6011302	2C x 1.5	7.4	29.0	87
6011303G	3 G 1.5	7.9	43.0	107
6011303	3C x 1.5	7.9	43.0	107
6011304G	4 G 1.5	8.6	58.0	134
6011304	4C x 1.5	8.6	58.0	134
6011305G	5 G 1.5	9.3	72.0	158
6011305	5C x 1.5	9.3	72.0	158
6011307G	7 G 1.5	10.0	101.0	175
6011308G	8 G 1.5	11.3	115.0	200
6011312G	12 G 1.5	13.4	173.0	293
6011314G	14 G 1.5	14.2	202.0	339
6011318G	18 G 1.5	16.0	259.0	430
6011325G	25 G 1.5	18.9	360.0	590
6011602	2C x 2.5	8.5	48.0	123
6011603G	3 G 2.5	9.1	72.0	154
6011603	3C x 2.5	9.1	72.0	154
6011604G	4 G 2.5	10.0	96.0	194
6011605G	5 G 2.5	11.1	120.0	239
6011607G	7 G 2.5	12.2	168.0	306
6011608G	8 G 2.5	13.8	192.0	314
6011902	2C x 4	10.2	76.8	183
6011903G	3 G 4	10.7	115.2	226
6011904G	4 G 4	12.0	154.0	292
6011905G	5 G 4	13.3	192.0	359
6011907G	7 G 4	14.6	269.0	417
6012303G	3 G 6	12.6	173.0	323
6012304G	4 G 6	13.9	230.0	408
6012305G	5 G 6	15.3	288.0	502
6012307G	7 G 6	16.8	403.0	590
6012703G	3 G 10	15.9	288.0	523
6012704G	4 G 10	17.5	384.0	663
6012705G	5 G 10	19.3	480.0	815
6012707G	7 G 10	21.2	672.0	963
6012803G	3 G 16	18.2	461.0	754
6012804G	4 G 16	20.1	614.0	962
6012805G	5 G 16	22.6	768.0	1208
6013003G	3 G 25	22.9	720.0	1184
6013004G	4 G 25	25.4	960.0	1520
6013005G	5 G 25	28.4	1200.0	1896
6013203G	3 G 35	25.7	1008.0	1572
6013204G	4 G 35	28.4	1344.0	2008
6013205G	5 G 35	31.8	1680.0	2520
6013403G	3 G 50	31.0	1440.0	2269
6013404G	4 G 50	34.6	1920.0	2925



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6013405G	5 G 50	38.6	2400.0	3651
6013703G	3 G 70	35.2	2016.0	3048
6013704G	4 G 70	39.5	2688.0	3950
6013705G	5 G 70	44.0	3360.0	4922
6013803G	3 G 95	41.2	2736.0	4171
6013804G	4 G 95	45.8	3648.0	5362
6013805G	5 G 95	49.9	4560.0	6546
6014103G	3 G 120	46.6	3456.0	5290
6014104G	4 G 120	50.2	4608.0	6611
6014204G	4 G 150	56.8	5762.0	8355
6014404G	4 G 185	61.7	7104.0	9761
6014604G	4 G 240	68.0	9216.0	12287



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