



## MGSGO

### Application

- Permanent installations in marine crafts
- Installations in open decks as Control and Power cables

### Features

- Flame retardant : IEC - 60332-3 (Cat A)
- Tests & Materials : IEC - 60092/350-351-359
- Halogen free : IEC 60754 / 1-2
- Electron Beam Cross Linked
- Smoke Density : IEC 60134 / 1-2
- (DIN EN 50147-1)
- Oil resistant

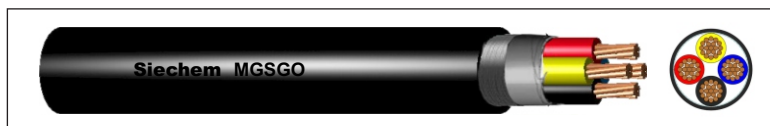
### Product Construction

- Conductor : Electrolytic, stranded, annealed copper wire.  
IEC 60228 Class 2 (Class 5 / tinned on request)
- Insulation : HEPR (Halogen free)
- Foil Screen : Al-Mylar Tape
- Screen : Electrolytic Copper Braided Screen
- Separator : Polyester Tape
- Outer Sheath : Halogen free, flame retardant, thermoset, polyolefin based jacket compound (Black)

### Technical Data

- Temperature Range : - 40°C to +120°C
- Rated Voltage (U<sub>0</sub>/U) : 0.6/1kV
- Bending Radius(Min) : 5 x Cable Diameter
- Short-circuit temp. (max.) : 280°C

ISO 9001	ISO 14001	AS 9100	ISO 45001	CE
IRS	REACH	RoHS	Lloyd's Register	ABS



Part Number	Number of Cores and mm <sup>2</sup> Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
303 19 XX*	1 x 4	9.0	76	200
303 23 XX	1 x 6	10.0	99	230
303 27 XX	1 x 10	11.0	144	290
303 28 XX	1 x 16	12.0	209	370
303 30 XX	1 x 25	14.0	306	510
303 32 XX	1 x 35	15.5	411	620
303 34 XX	1 x 50	17.5	567	790
303 37 XX	1 x 70	19.5	774	1040
303 38 XX	1 x 95	22.0	1029	1360
303 41 XX	1 x 120	23.5	1311	1610
303 42 XX	1 x 150	26.0	1610	1910
303 44 XX	1 x 185	28.5	1963	2360
303 46 XX	1 x 240	31.5	2501	3010
303 48 XX	1 x 300	34.4	3340	3660
303 13 02	2 x 1.5	15.0	100	370
303 16 02	2 x 2.5	16.0	127	430
303 19 02	2 x 4	17.0	165	490
303 23 02	2 x 6	18.5	212	600
303 27 02	2 x 10	20.0	302	750
303 28 02	2 x 16	22.5	466	970
303 30 02	2 x 25	26.5	665	1330
303 13 03	3 x 1.5	15.5	120	410
303 16 03	3 x 2.5	16.5	156	470
303 19 03	3 x 4	18.0	210	550
303 23 03	3 x 6	19.0	277	670
303 27 03	3 x 10	21.5	412	870
303 28 03	3 x 16	24.0	631	1140
303 30 03	3 x 25	28.0	919	1640
303 32 03	3 x 35	31.0	1228	2050
303 34 03	3 x 50	35.0	1698	2640
303 37 03	3 x 70	39.0	2408	3510



Part Number	Number of Cores and mm <sup>2</sup> Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
303 38 03	3 x 95	45.5	3186	4770
303 41 03	3 x 120	49.5	3970	5740
303 19 04	4 x 4	19.0	279	650
303 23 04	4 x 6	20.5	366	780
303 27 04	4 x 10	23.0	540	1040
303 28 04	4 x 16	26.0	791	1430
303 30 04	4 x 25	30.5	1165	2030
303 32 04	4 x 35	34.0	1573	2560
303 34 04	4 x 50	38.5	2273	3310
303 37 04	4 x 70	44.0	3085	4510
303 38 04	4 x 95	50.5	4105	5990

Note : XX\* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	

