

High Temperature

Glass Braided Silicone Cables 150°C - 200°C



Application:

For use in heating equipment and areas with high ambient temperature. Also for applications that require additional abrasion resistance and mechanical strength

Benefits		
High Temperature Rating	Silicone rubber insulation is suitable for use in high temperatures	
Flexible Stranding	Class 5 flexible conductor stranding	
Abrasion Resistant	Varnish impregnated glass braid provides excellent abrasion resistance	
Easy to Solder	Tinned copper conductors for easy adhesion	
Mechanical Strength	Glass braid coupled with silicone insulation gives good tensile strength	
Features		
✓	R-S-200 insulation is suitable for operation in temperatures up to 200°C (R-S-150 for temperatures to 150°C)	
✓	Silicone rubber exhibits excellent electrical resistance	
✓	Double glass braid gives 100% coverage of silicone insulation	
✓	Varnish impregnated glass braid provides excellent wear resistance, particularly at high temperatures	
✓	Oxygen free tinned copper for high conductivity soldered connections and corrosion protection	
Construction		
Conductor	Oxygen free tinned annealed copper wire, class 5	
Insulation	R-S-200 or R-S-150	
Braid	Glass fibre braid impregnated with silicone varnish	
Colours	Blue, black, brown, green, red, white	
Ratings		
Temperature	0°C to + 200°C – Single Cores up to 6mm ²	0°C to +150°C - Other sizes
Voltage	250/250V	
Applicable Standards	AS/NZS1125, AS/NZS3808, AS/NZS3191, IEC 60228	



Flexible Conductor:
Class 5



Oxygen Free, Tinned Copper
for Corrosion Resistance



Minimum Service
Temperature:
0°C



Maximum Service
Temperature:
200°C up to 6mm²,
150°C other sizes



Maximum Short Circuit
Temperature:
350°C (Max 5s)



Impact Resistant



Abrasion Resistant



Minimum Recommended
Bend Radius Fixed 6 x OD

SYDNEY (Head Office)
102 Old Pittwater Road
Brookvale NSW 2100
Phone: 02 9938 5622
Fax: 02 9938 3973

BRISBANE
Unit 4/12 Selhurst St
Coopers Plain QLD 4108
Phone: 07 3344 1763
Fax: 07 3345 4076

MELBOURNE
9/24-26 Carrick Drive
Tullamarine VIC 3043
Phone: 03 9335 2600
Fax: 03 9330 3903

NEWCASTLE
64 Orlando Road
Lambton NSW 2299
Phone: 02 4956 2044
Fax: 02 4956 1983

WESTERN AUSTRALIA
1 Karratha St
Welshpool WA 6106
Phone: 08 9351 9966
Fax: 08 9356 2522



Silicone Rubber/Glass Braided Single Core 200°C

Bambach Item Code	Conductor CSA mm ²	Conductor Stranding No. of Strands/mm	Nom Ø mm	Current Rating* Amps	Weight kg/km
10046	0.5	16/0.20	3.3	19	14
10050	0.75	24/0.20	3.4	24	17
11190	1	32/0.20	3.8	28	21
11310	1.5	30/0.25	3.9	37	25
11490	2.5	50/0.25	4.5	50	39
12125	4	56/0.30	5.3	67	54
12250	6	84/0.30	6.7	87	76

Silicone Rubber/Glass Braided Single Core 150°C

Bambach Item Code	Conductor CSA mm ²	Conductor Stranding No. of Strands/mm	Nom Ø mm	Current Rating* Amps	Weight kg/km
13455	10	140/0.30	9.7	120	120
13620	16	224/0.30	10.4	165	181
13650	25	350/0.30	12.0	215	269

*Current ratings based on AS/NZS3008.1.1:2009 table 17 column 2