

# goldwing

CABLE LIMITED

## Technical data sheet for SIAF

|                 |              |                   |
|-----------------|--------------|-------------------|
| Working voltage | Test voltage | Temperature range |
| 300/500V        | 2000V        | 180c              |



|                     |                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conductor:</b>   | Class 5, single core cable with twisted strands of flexible bare copper or tinned coated copper conductor to EN(IEC-VDE)60228.                                       |
| <b>Insulation:</b>  | Silicone rubber.                                                                                                                                                     |
| <b>Application:</b> | High temperature applications including packaging, lighting and refrigeration. As a BI product to the silicone insulation this cable is also Low Smoke Zero Halogen. |

| Section<br>mm | Composition<br>N° x Ø mm | Diameter<br>mm | Insulation<br>thickness<br>mm | External Ø<br>mm | Resistance<br>max @ 20c<br>Ohm/km | Amps<br>(A) | Weight<br>Kg/km |
|---------------|--------------------------|----------------|-------------------------------|------------------|-----------------------------------|-------------|-----------------|
| 0.25          | 8 x 0.20                 | 0.70           | 0.45                          | 1.60             | 75.50                             | 5.00        | 5.40            |
| 0.35          | 11 x 0.20                | 0.80           | 0.50                          | 1.80             | 54.70                             | 8.00        | 6.50            |
| 0.50          | 16 x 0.20                | 0.90           | 0.60                          | 2.10             | 39.00                             | 12.00       | 9.10            |
| 0.75          | 24 x 0.20                | 1.20           | 0.60                          | 2.40             | 26.00                             | 15.00       | 12.60           |
| 1.00          | 32 x 0.20                | 1.30           | 0.60                          | 2.50             | 19.50                             | 17.00       | 15.10           |
| 1.50          | 30 x 0.25                | 1.60           | 0.60                          | 2.80             | 13.30                             | 23.00       | 20.40           |
| 2.00          | 40 x 0.25                | 1.80           | 0.60                          | 3.00             | 9.75                              | 28.00       | 25.80           |
| 2.50          | 50 x 0.25                | 2.00           | 0.70                          | 3.40             | 7.98                              | 33.00       | 32.60           |
| 3.00          | 60 x 0.25                | 2.20           | 0.70                          | 3.60             | 6.50                              | 37.00       | 36.00           |
| 4.00          | 56 x 0.30                | 2.70           | 0.75                          | 4.20             | 4.95                              | 41.00       | 50.00           |
| 6.00          | 84 x 0.30                | 3.30           | 0.85                          | 5.00             | 3.30                              | 50.00       | 74.50           |
| 10.00         | 80 x 0.40                | 4.40           | 1.05                          | 6.50             | 1.91                              | 80.00       | 125.00          |
| 16.00         | 126 x 0.40               | 5.50           | 1.25                          | 8.00             | 1.21                              | 100.00      | 196.00          |
| 25.00         | 196 x 0.40               | 6.80           | 1.50                          | 9.80             | 0.78                              | 145.00      | 301.00          |