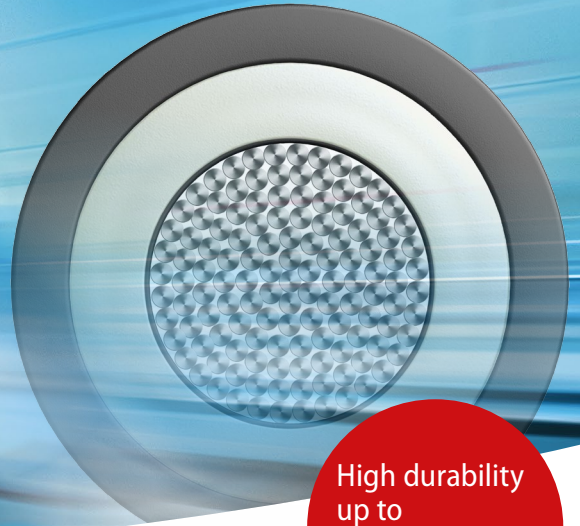


Flexible high temperature silicone cables



High durability
up to
+150°C

BETAtrans® Silitherm FRNC-F EN-50382

Applications

Flexible silicone cables are well suited in applications where extreme temperatures, powerful UV rays and/or ozone are present.

These cables are useful for fixed and sporadically moved protected installations inside and outside of rail vehicles and buses.

Typical applications includes converters, switchboards, connections in traction motor circuits, batteries, as well as heating systems.

BETAtrans® Silitherm FRNC-F cables feature high thermal safety margins and are therefore especially suitable for installations in adverse ambient conditions (high ambient temperatures, limited venting).

Advantages

- Extremely flexible, even when the environmental conditions are very cold
- Strictly free of halogens
- Extremely high temperature stability anticipated at very long service life at operational temperatures from **-50° C** up to **+150° C**
- Synthetic reinforcing braid for excellent mechanical performance
- High resistance to UV and ozone

Cable designs

- Sheathed and unsheathed
- Rated voltages: 1.8 / 3 kV and 3.6 / 6 kV
- Conductor: class 5 and class 6
- Conductor: available in bare and tinned copper

Range of cross sections

- From 2.5 to 400 mm²

