










Insulation and Sheath Material Selections			
Continuous Working Temperature (°C)	Type		Description
-30°C ~ +105°C	Vinyl		Vinyl compounds are highly flexible in nature, and can be made abrasion resistant through processing.
-50°C ~ +80°C	Halogen-free		Special halogen-free compound are LSZH, and are flame retardant, and non-corrosive. It is also has increased ability in oil resistance.
-60°C ~ +200°C	Si-Rubber		Si-rubber materials are extremely flexible and easy to handle. It is useful in heated environment up to 200°C.
-190°C ~ +205°C	Fluorinated Ethylene-propylene		Fluorinated Ethylene-propylene are especially useful in high temperature environments. They are fire retardant and chemically resistant.
-190°C ~ +260°C	Perfluoroalkoxy		Perfluoroalkoxy is superior in its optical transparency, overall flexibility, and extreme resistance to chemical attack. It also has a high dielectric strength.
-60°C ~ +400°C	Fibreglass		Fibreglass braided cables can withstand ambient temperature up to +400°C, and can withstand fire burning directly on the cable.
-60°C ~ +600°C	Mi-Fibre		Mi-fibre cables can withstand extreme temperatures. These cables are coated with a layer of resin which interlocks the fibres to form a tight temp-proof coating.
-0°C ~ +1100°C	Silica Fibre		Silica Fibre cables are effective in extreme heat protection applications.
-0°C ~ +1400°C	Ceramic Fibre		Ceramic fibres are one of the highest temperature resistant flexible insulation available. The braided yarn is a composition of oxides of alumina, boric and silicone. It provides maximum flexibility and extreme high temperature resistance.

Shielding and Galvanized Steel options are also available for protection against environmental hazards.

Please Note:

All indications on this data sheet have been made to the best of our knowledge. They are only a non-binding advice and serve as a starting point for plannings. They do not release the user from own tests regarding the suitability of the desired application purposes. Processing and the use of the products cannot be controlled by us and are therefore exclusively in the user's field of responsibility. The design is subject to alteration if new realization will make it necessary.