SABIX[®] POLYOLEFIN BASED, NON-HALOGEN THERMOPLASTIC

General

This material has several outstanding characteristics. As registered trademark of SAB BRÖCKSKES GmbH & Co.KG, SABIX[®] combines progressive cable technology with highest security for the user. When used properly, there is neither a health nor carcinogenic risk associated with SABIX[®]. SABIX[®] products are completely recyclable and can be reused after decomposition. Standard halogen-free cables offer a large degree of safety to humans, nature, buildings and machinery, but tend to be very stiff. This is not the case with SABIX[®]. SABIX[®] possesses several technical advantages over PVC including excellent flexibility.



Materials

The temperature range is as follows:

1. SABIX[®] **336** This material has excellent characteristics as a flexible conductor insulator. According to DIN VDE, as well as having non-halogen content, this material is also described as being: highly flexible, highly weather resistant, very good capacitance, increased abrasion resistance, fully recyclable, oil resistant acc. to DIN VDE.

Static:	-50°C/+90°C
Flexing:	-40°C/+90°C

2. SABIX[®] **322** This material has excellent characteristics as a flexible jacket material. According to DIN VDE, as well as having non-halogen content, this material is also described as being: highly flexible, highly weather resistant, very good capacitance, increased abrasion resistance, fully recyclable, oil resistant acc. to DIN VDE.

The temperature range is as follows:	Static:	-50°C/+90°C
	Flexing:	-40°C/+90°C

3. SABIX[®] 230 FRNC This material has excellent characteristics as a flexible jacket material. The abbreviation FRNC stands for Flame Retardant, Non-Corrosive. SABIX[®] 230 FRNC fulfills the burning requirements according to DIN VDE and IEC. It is also: halogen-free according to DIN VDE and IEC, has low smoke-density according to DIN VDE, IEC and BS, high flexibility and is fully recyclable.

The temperature range is as follows:	Static:	-40°C/+85°C
	Flexing:	-30°C/+85°C

4. SABIX[®] **233 FRNC** This material has excellent characteristics as core isolation and sheath material. The abbreviation FRNC stands for Flame Retardant, Non-Corrosive. SABIX[®] 233 FRNC fulfills the burning requirements according to DIN VDE and IEC. It is also: halogen-free according to DIN VDE and IEC, has low smoke-density according to DIN VDE, IEC and BS and is fully recyclable.

The temperature range is as follows:	Static:	-30°C/+90°C
	Flexing:	-20°C/+90°C



