

HFS 125 XL / X

NEK 606 approved
Intended for general use

Electrical			
Properties	Method	Conditions	Value
Dielectric constant	-	-	-
Dielectric strength	-	-	-
Dissipation factor	-	-	-
Volume resistivity	-	-	-

Physical			
Properties	Method	Conditions	Value
Density	ISO 1183	-	1.6 g/cm ³
Elongation at break	IEC 60811-501	50 mm/min	120 %
Hardness	DIN 53505	-	83 A
Radiation resistance	-	-	-
Tensile strength	IEC 60811-501	50 mm/min	11 MPa
Water absorption	-	-	-

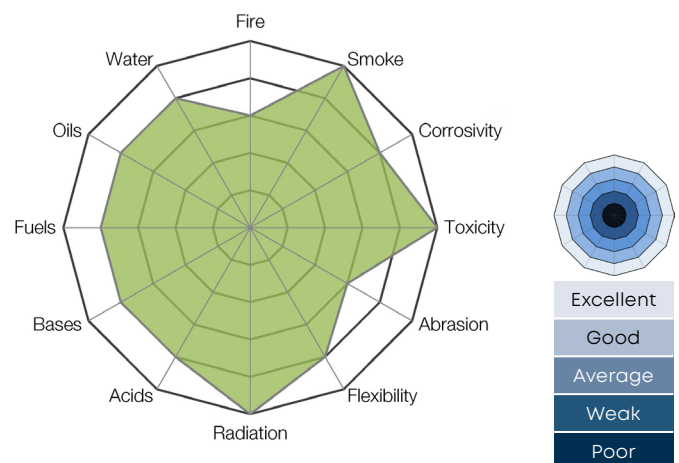
Thermal			
Properties	Method	Conditions	Value
Combustion corrosivity	-	pH Conductivity	5.22 1.029 µS/mm
Continuous temperature rating	IEC 60216	20,000 hrs	+ 115 °C
Flammability	-	-	-
Flame propagation	IEC 60332-1-2 Def Stan 02-641	Dependent on cable design Dependent on cable design	Pass Pass
Oxygen index	ASTM D 2863	-	42 %
Smoke density	IEC 61034-2	Dependent on cable design	83 %
Smoke index	-	-	-
Temperature index	-	-	-
Toxicity index	Def Stan 02-713	per 100 g	1.2

Properties

HFS 125 XL is a halogen free sheathing material with good all-round properties.

HFS 125 XL is approved as the sheath material for Habia Cable's RFOU cable types, and is MUD resistant to NEK 606.

Important: Habia Cable has compiled the information contained herein from what it believes to be accurate and factual sources as of the date printed. Data is based on typical values and might vary depending on cable construction and processing method. Any changes in the data will be made without notification.



Available colours (shades may vary from material to material)



Characteristics and key properties

Intended use	Approval	Temp installation	Temp low	Temp >20,000 hrs	Temp peak
Outer sheath	NEK TS 606	-60°C	-60°C	+115°C	+135°C

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