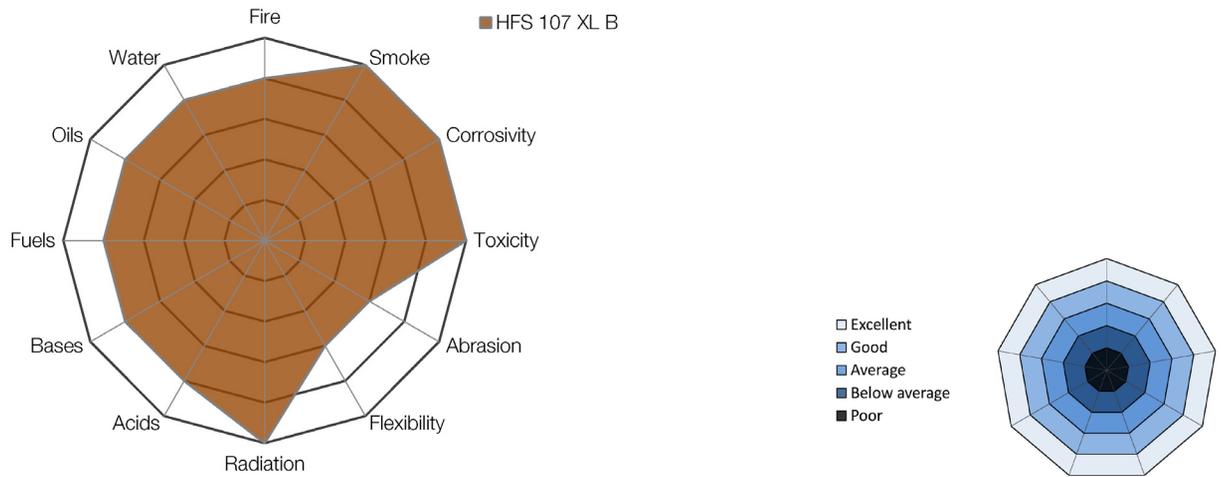


# HFS 107 XL B // X

Approved to Def Stan 61-12 Part 31  
Intended for use in defence applications

Electrical			
Properties	Method	Conditions	Value
Dielectric constant	-	-	-
Dielectric strength	-	-	-
Dissipation factor	-	-	-
Volume resistivity	-	-	-
Physical			
Properties	Method	Conditions	Value
Density	ISO 1183	-	1.50 g/cm <sup>3</sup>
Elongation at break	IEC 60811-501	50 mm/min	250 %
Hardness	DIN ISO 7619-1	-	88 A
Radiation resistance	IEC 60544	-	10 <sup>5</sup> Gy
Tensile strength	IEC 60811-501	50 mm/min	9 MPa
Water absorption	-	-	-
Thermal			
Properties	Method	Conditions	Value
Combustion corrosivity	-	-	-
Continuous temperature rating	Internal	40,000 hrs 20,000 hrs	+ 100 °C + 105 °C
Flammability	-	-	-
Flame propagation	IEC 60332-1-2 Def Stan 02-641	Dependent on cable design Dependent on cable design	Pass Pass
Oxygen index	ISO 4589-2	-	29 %
Smoke density	IEC 61034-2	Dependent on cable design	77 %
Smoke index	Def Stan 02-711	-	20
Temperature index	ISO 4589-3	-	245 °C
Toxicity index	Def Stan 02-713	per 100 g	0.81



Available colours (shades may vary from material to material)										
Black	-	-	-	-	-	-	-	-	-	-

### Characteristics and key properties

HFS 107 XL B is Habia Cable's approved product to meet Def Stan 61-12 Part 31. As such it shares many of its properties with HFS 107 XL as a radiation cross-linked, flame retardant and low smoke, zero halogen material that is tough and durable.

+120°C  
High temp

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.

Outer sheath  
-30°C  
Low temp

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use.