

Hi-Flex

Flexible power cores

Hi-Flex

The original Hi-Flex uses Habia Cable's Roctech binder tape and TPS 125 XL as insulation to combine flexibility with high temperature performance. It is primarily used in military electric-drive applications. TPS 125 XL features particularly good oil and fuel resistance and has been NBC hardened. It is highly abrasion resistant and mechanically tough. It is only available in Black.

Conductor	Highly stranded TPC	
Insulation	Roctech tape TPS 125 XL (Black only)	
Sizes	1 to 400mm ²	
Voltage	1 to 4mm ²	300 V
	6 to 400mm ²	600 V
Temp.	-50°C / +150°C	



Hi-Flex 1000

As per the original, Hi-Flex 1000 uses Habia Cable's Roctech binder tape and TPS 125 XL as insulation to combine flexibility with high temperature performance. Hi-Flex 1000 is suited for higher voltages. It is primarily used in military electric-drive applications. TPS 125 XL features particularly good oil and fuel resistance and has been NBC hardened. It is highly abrasion resistant and mechanically tough. It is only available in Black.

Conductor	Highly stranded TPC	
Insulation	Roctech tape TPS 125 XL (Black only)	
Sizes	6 to 95mm ²	
Voltage	1000 V	
Temp.	-50°C / +150°C	



Hi-Flex ZH

Designed for use with the Hi-Flex ZH power cable range and also used in conjunction with Roctech tape, Hi-Flex ZH uses HFI 121 XL to provide the same levels of flexibility and high temperature performance of the original TPS 125 XL product, with the additional benefits of being Low Smoke, Zero Halogen (LSZH) and is available in a full colour range. It is primarily used in civilian hybrid electric-drive applications.

Conductor	Highly stranded TPC	
Insulation	Roctech tape HFI 121 XL	
Sizes	1 to 400mm ²	
Voltage	1 to 4mm ²	300 V
	6 to 400mm ²	600 V
Temp.	-50°C / +150°C	



Hi-Flex ZJ - STJ 1

Designed for use with the Hi-Flex ZH power cable range and also used in conjunction with Roctech tape, Hi-Flex ZH uses HFI 121 XL to provide the same levels of flexibility and high temperature performance of the original TPS 125 XL product, with the additional benefits of being Low Smoke, Zero Halogen (LSZH) and is available in a full colour range. It is primarily used in civilian electric-drive applications.

Conductor	Highly stranded TPC	
Insulation	Roctech tape HFI 121 XL	
Shield	TPC braid	
Sheath	HFI 121 XL	
Voltage	600 V	
Temp.	-50°C / +150°C	

