

**Technical Data**

Material	: Polyvinylchlorid (PVC)
Colours	: black, blue, red, yellow, green, white, brown and grey
Adhesive	: Rubber based
Insulation Voltage Range	: max 1000 Volt
Approvals	: VDE approved

Specification	Typical Value	Test Method
Thickness	: 0.18 mm	ASTM-D-1000
Tensile Strength	: 35 N / 10 mm	ASTM-D-1000
Elongation	: 300 %	ASTM-D-1000
Adhesion To Steel	: 3.0 N / 10 mm	ASTM-D-1000
Adhesion To Backing	: 2.7 N / 10 mm	ASTM-D-1000
Adhesion To Backing at -7°C	: 5.5 N / 10 mm	ASTM-D-1000
Flagging (max)	: 2.5 mm	ASTM-D-1000
Processing Temperature	: -18°C to +60 °C	IEC 6454-2
Application Temperature	: -30°C to +90 °C	IEC 6454-2
Temperature rating CSA	: -18°C to +105 °C	CSA 22.2
Dielectric Strength	: 40kV	EN 60454
Standard	: 10 kV	ASTM-D-1000
Wet	: 9 kV	ASTM-D-1000
Dielectric Constant	: 3.2	ASTM-D-150
Insulation Resistance	: 10 <sup>6</sup> MΩ	ASTM-D-1000
Resistivities		
Flame	: yes	
Cold	: yes	
Weather	: yes	
Highly resistant to	: sun, water, oil, acids, alkalis and corrosive chemicals	
Flame retardant	: yes	
Lead-free	: yes	

HelaTape Flex 1000+ does not contain diethylhexyl phthalate (DEHP).

Shelf life 5 years at recommended storage conditions.

Recommended storage conditions Relative humidity: 65%  
Room temperature: 23°C