



#### Applications

certoplast 525 SE is especially suitable for cable harnesses in the automotive industry. Because of the flame resistance of the extremely robust backing and the extremely high media resistance, it is ideal for use in the engine area and directly at the engine.

#### certoplast 525SE

##### Structure

High-quality flame resistant polyester fabric tape with extremely high media resistance, in combination with a strong, ageing resistant UV-acrylic adhesive.

##### Colour

black

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- high adhesion force
- stable against rotting
- high mechanical stability
- free of harmful substances
- free of solvents
- excellent media resistance against fuels / oils etc.
- temperature resistance 3000h / 150°C depending on the cable type
- short-term temperature resistance up to 175°C
- cold resistant
- flexible
- non-abrasive
- uniform unwinding force
- corresponds to MVSS 302, UL 510 and DBL 5307

	Specification	Value	Dimension
backing		polyester fabric	
adhesive		UV-acrylic system	
thickness	DIN EN 1942	0,25 +/- 0,02	mm
tensile strength	DIN EN 1940	>= 155,0	N/cm
elongation	DIN EN 1941	>= 15	%
adhesion to steel	DIN EN 1939	>= 2,5	N/cm
adhesion to backing	DIN EN 1939	>= 2,0	N/cm
Temperature range		-40 / +150 (3000h)	°C
Short range		short term 175	°C
unwinding force			
> machine application	DIN EN 1944	1,0 - 3,0	N/19 mm
> manual application	DIN EN 1944	3,0 - 6,0	N/19 mm