

## certoplast 514

### Structure

High quality **polyester fabric** tape with especially smooth polished surface, in combination with a strong, synthetic **rubber-based adhesive**.

### Properties

- high adhesive force
- stable against rotting
- free of critical substances (halogens, softeners, etc)
- non-abrasive
- high mechanical stability in machine processing
- flexible and easy to handle
- temperature range -40 to +125°C
- soil repellent due to specially designed compact tape surface
- good resistance against diesel, oil, etc.
- flame resistance corresponds to VW TL1010, FMVSS 302, UL 510, DBL 5307 and BMW GS 95008-3
- tearable by hand

### Colour

- black (other colours upon request)

### Applications

certoplast 514 is especially designed for cable harnessing in the automotive industry. By means of the specially designed smooth polished tape surface, a soil repellent and permanently flexible cable harness is obtained which, compared to many other tape materials (e.g. PVC, viscose, non-woven), is very well protected against external mechanical stress (e.g. sharp edges).

Due to its high temperature stability, its extremely robust backing, and its good media resistance, certoplast 514 can also be used in all parts of the vehicle.

### Technical data

	Value	dimension
backing	smooth polished polyester fabric	
adhesive	synthetic rubber-based	
thickness	0,17 ± 0,03	mm
tensile strength	≥ 70,0	N/cm
elongation at break	≥ 10	%
adhesion to steel	≥ 4,0	N/cm
adhesion to backing	≥ 2,0	N/cm
temperature range (when applied)	-40 / +125°C	°C

### Form of supply

	values	dimensions
width *	9, 19, 25, 50 ± 1	mm
length *	25, 50, 75 ± 2%	m
core *	38, 76	mm

\* other sizes upon request

### Recommendations for use

Fix the tape to the desired surface immediately after unwinding and press tightly. The best results are obtained at a working temperature between 20 and 24°C.

*Remark: The surface to which the tape is to be fixed must be free of oil or other contaminants such as powder, dirt or release agents. The adhesive power can be affected if the substrates contain softeners.*

These details are to the best of our knowledge, nevertheless without guarantee. The suitability for special applications should first be tested by the user. The given values are statistical averages.



#### certoplast

Vorwerk Sohn GmbH  
Technische Klebebänder  
Müngstener Straße 100  
D-42285 Wuppertal

Tel. +49(0)2 02-2 55 48-0  
Fax. +49(0)202-2 55 48 48