



Product Information



Special Advantages

- electrically insulating
- highly adhesive
- easy application

DENSIT[®]-Tape K / FK

Description

DENSIT Tapes are plastics tapes based on butyl rubber.

DENSIT-Tape K -

has an adhesive on one side of the tape and is supplied with a removable release film.

DENSIT-Tape FK -

has an adhesive on one side and a thin plastics film laminated to the other side.

DENSIT Tapes are used as intermediate layers between identical or different metals or materials. DENSIT Tapes protect connected metal parts against corrosion, even if these metal parts have different expansion coefficients. Due to their insulating properties DENSIT Tapes prevent the formation of galvanic cells

between construction elements made of different metals. DENSIT Tapes are clean and easy in application and drilling holes causes no problems. Adjusting metal parts is possible without damaging the applied tapes.

Use

High and Low Temperature Technology

Sealing of surfaces of identical or different metals.

Air-conditioning and Ventilating Technology

Sealing of sheet metal ducts, riveted sheet metal, joints of corrugated tubes.

Civil Engineering and Works Constructions

Joint sealing of prefabricated parts of metal, plastics, glass etc.

Motor car and Caravan Construction

Sealing and corrosion protection of chassis and other construction parts.

Goods-wagon and Container Construction

Sealing and corrosion protection of metal sections.

Ship and Aircraft Construction

Sealing of construction parts and isolation of electrical components made of different metals, e.g. steel, aluminium, copper or brass.

Roof and Building Front Construction

Sealing of flat roofs and building fronts.

Properties

Property		Typical Value	Standard
Application temperature	ambient	-10 up to +50°C	-
	metal surface	0 up to +50°C	
	tape	0 up to +50°C	
Operating temperature		-50 up to +50°C	-
Equivalent diffusion of air layer thickness		2200 m	DIN 52615
Dielectric strength		35 kV/mm	DIN 53481
Specific electrical insulation resistance		10 ⁸ Ω · m ²	DIN 53482
Resistance to chemical and biological influences	diluted acids	+	-
	alkali solutions	+	
	salt solutions, seawater	+	
	fungi, soil microbes	+	
	petrol, aliphatic and aromatic hydrocarbons	(+)	

+ = resistant; (+) = not permanently, only short term

Application

The areas to be sealed must be free from rust, moisture, dirt, grease, paint etc. They must be dry and clean. If wrapping of the

DENSIT-Tape is required, apply with light tension. When used as an intermediate layer, cut the required length from the roll and apply to the cleaned

surface without tension, but press firmly against surface. Necessary holes for screws or rivets may be drilled.

Units and Packing

DENSIT-Tape	Thickness [mm]	Tape length [m]
K 10	1	8
K 20	2	4
FK 6	0,6	15
FK 10	1	10
FK 20	2	5
FK 30	3	2,5

DENSIT Tape K and FK is available for delivery in standard widths of 10, 15, 20, 25, 30, 40,50, 60 and 100 mm. Others widths exceeding 100 mm upon request.

DENSO GmbH

P.O.Box 150120 • 51344 Leverkusen • Germany
tel: +49-(0)214-2602-0 • fax: +49-(0)214-2602-318
www.denso.de • info@denso.de

Our literature, data sheets and recommendations represent our best knowledge at the time of printing but are in no way legally binding on us. Values and properties shown in diagrams and tables are

typical properties, which are not subject to any guarantee.

Our liability is limited as per our standard terms and conditions of sale.

No 04 issue: 03/08 DENSIT K/FK