



■ **Join Wrap DK-BIT® 1000/1600**

2-ply PVC tape with a layer of bitumen-polymer mastic on one side.



■ **COMPOSITION**

Carrier film - 100% polyvinyl chloride.
 Adhesive - bitumen-polymer mastic.
 Interleaf - anti-adhesive silicone film
 Color - black.

■ **SPECIAL ADVANTAGES**

A 100% polyvinyl chloride tape.
 Maximum mechanical and corrosion protection.
 Excellent adhesion between the adhesive layer and the carrier film.
 Exceptional flexibility.
 High electrical insulation.
 Compatible with factory coatings PE and bitumen.

Complies with standard



■ **CARRIER FILM**

The film is made from a suspension-based composition polyvinyl chloride, plasticizers, stabilizers, modifiers and other components.

■ **CHEMICAL RESISTANCE**

The tape is resistant to aggressive salt water, soil acids, alkalis, salts, chemical vapors and common chemicals.

■ **INTERLEAF**

The anti-adhesive layer is made of a polymer siliconized film, which ensures free unwinding of the roll without sticking to the mastic layer of the tape.

■ **FLEXIBILITY & ADHESION**

The adhesive is made by joining PVC tape with a molten bitumen-polymer mastic. Bitumen-polymer mastic is a multicomponent composition, which includes bitumen, polymers, plasticizers, elastomers and fillers. The tape is easy to apply at high or low temperatures, and provides excellent adhesion and shear resistance.

■ **AREA OF APPLICATION**



Join Wrap DK-BIT®1000 / 1600 is a proven solution for the permanent prevention of pipe and weld corrosion in new installations or refurbishment projects. It is used when carrying out works on isolation and re-isolation of water pipelines, oil pipelines and gas pipelines.

Join Wrap DK-BIT®1000 / 1600 is also an ideal choice for both small and large pipe sizes.

Join Wrap DK-BIT®1000 / 1600 is used in anti-corrosion systems **System DK-BIT®1232**, **System DK-BIT®2454-RF**.

■ **RELATED PRODUCTS**

DK-WORKER® manual devices for winding cold-applied tapes on pipes, pipe elbows and welded joints.

DK-WORKER® ensures uniform tension and compliance with the required overlap width when applying **DK-BUT®** & **DK-BIT®** tapes.

The product information shown here our application recommendations and other product related documents are made for your convenience only. Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith.

All information contained in this document is to be used as a guide and does not constitute a warranty of specification. The information contained in the document is subject to change without notice.

For this reason, no liability can be accepted for inaccurate advice or any failure to provide advice. The user is responsible for checking the applications of the product and verifying its suitability for the intended use.

This is the original translation of product information from the Polish language.

In case of any discrepancy or any dispute arising on the interpretation of this product information, the Polish text of the respective Polish product information, which is available at www.dkd-korporation.com, shall be decisive.

The legal relationship shall be governed by Polish law.

■ PRODUCT PROPERTIES

Properties	Unit	Join Wrap DK-BIT®1000	Join Wrap DK-BIT®1600
Color	---	Black	
Tape appearance	---	Film without cracks, folds, breaks, punctures and foreign inclusions. The adhesive was applied in an even layer, without gaps. The height of the corrugation of the adhesive layer should not exceed 1.0 mm.	
Total thickness (without release layer)	mm	≥1.0	≥1.0
Thickness of carrier film (without adhesive)	mm	≥0.6	≥0.6
Adhesive layer thickness	mm	≥0.4	≥0.4
Interleaf: -presence	---	presence	
-thickness	mm	≥0.01	
-width	---	width siliconized film=width roll	
-manufacturer logo	---	presence	
Width	mm	150±2, 225±2, 450±2	
Tensile strength	N/mm	≥ 10	
Elongation at break	%	≥ 200	
Tensile Strength	N/mm	≥ 10	
Brittleness temperature of the adhesive layer	°C	minus 25	
Water absorption in 24 hours	%	≤0.2	
Mushroom resistance	points	≤2	
Peel strength to primed steel at +20°C	N/mm	3.5	
Peel strength between tape layers at +20°C	N/mm	1.5	

Other sizes and tolerances available on request

■ APPLICATION TERMS

Properties	Unit	Join Wrap DK-BIT®1000/1600	Test method
Surface condition of steel pipes: -cleaning level -degree of roughness	---	min. St 2 50 - 100	ISO 8501-1 ISO 8503-1
Pipe surface temperature	°C (F°)	≥ +3°C (+5.4°F) above dew point	---
Temperature range: -application -operating	°C (F°)	+5 to +40 (+41 to +104) -20 to +50 (-4 to +122)	Manufacturer's recommendation

■ TYPE OF PACKAGING



Label information	Material & Ø bushings mm	Outer Ø of roll mm	Weight roll kg	Appearance roll
	75±5 cardboard / polymer	≤400 ≤280	5-30	Rolls of cylindrical shape with even ends. Taper telescopicity of rolls is not allowed. Roll consist of one piece of tape.

Other lengths and widths available on request

■ PACKAGING, STORAGE AND TRANSPORTATION

Packaging: carton box, packing is not returned after use.

Storage: in original packaging, in a dry place without load in a horizontal position, in warehouses, open areas under a canopy, protected from sunlight and precipitation. When storing **Join Wrap DK-BIT®** and transporting it to the work site, store and transport in a vertical position, no more than six rows - boxes with tape. Transportation and storage at a distance of at least 1 m from heat sources.

Shelf life in original packaging is at least 24 months from the date of manufacture.

Storage temperature: ≤ +40°C (+104°F)

Transportation: on pallets, in original packaging, by all means of transport.

■ Consult with us for specific projects or unique applications

The product information shown here our application recommendations and other product related documents are made for your convenience only. Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith.

All information contained in this document is to be used as a guide and does not constitute a warranty of specification. The information contained in the document is subject to change without notice.

For this reason, no liability can be accepted for inaccurate advice or any failure to provide advice.

The user is responsible for checking the applications of the product and verifying its suitability for the intended use.

This is the original translation of product information from the Polish language.

In case of any discrepancy or any dispute arising on the interpretation of this product information, the Polish text of the respective Polish product information, which is available at www.dkd-korporation.com, shall be decisive.

The legal relationship shall be governed by Polish law.



INDUSTRIAL CORPORATION

DKDK INDUSTRIAL CORPORATION
ul. Grzybowska 87
00-844 Warszawa, Polska
tel.: +48 539 980 916
info@dkd-korporation.com
www.dkd-korporation.com