



tesa® 4163

Product Information



Premium Multipurpose Soft PVC Tape

Product Description

tesaflex® 4163 is a specially formulated electrical tape with good film flexibility and an acrylic adhesive. Due to the UV- and weathering-stable acrylic adhesive, the tape is perfectly suitable for permanent and outdoor applications. The soft PVC insulation tape is resistant to solvents and acids and features good electrical insulation and printability. tesaflex® 4163 is universally applicable, though it is exceptionally qualified for applications in repairing, masking, and electrical insulation. The PVC-backing makes for high durability strength, and the acrylic adhesive ensures a high adhesion to polar surfaces. Furthermore, the tape conforms to US safety standard 302. tesaflex® 4163 is available in many colors: black, white, grey, blue, yellow, red and green. The grey color is perfect for the installation of water pipes. Typical widths are 12 mm and 19 mm (more available) and are offered in 33 meter length.

Application Fields

- tesaflex® 4163 is used for electrical insulation
- Suitable for installing, repairing, splicing, or bundling
- Available in multiple bright colors, the insulation tape can also be used for marking and color-coding
- The high electrical insulation makes the tape ideal for the installation and insulation of electrical cables
- Its resistance against environmental factors makes the tape suitable for permanent outdoor usage

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

- | | | | |
|--------------------|----------|-------------------|--------|
| • Backing | soft PVC | • Total thickness | 126 µm |
| • Type of adhesive | acrylic | | 5 mils |

Properties/Performance Values

- | | | | |
|-----------------------|------------------------|--------------------------------|--------|
| • Elongation at break | 295 % | • Dielectric breakdown voltage | 7000 V |
| • Tensile strength | 30 N/cm
17.1 lbs/in | | |

Adhesion to Values

- | | |
|---------|------------------------|
| • Steel | 1.8 N/cm
16.4 oz/in |
|---------|------------------------|



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Additional Information

It conforms to US safety standard 302. The isogenogrey color is perfect suitable for instalation of water pipes.

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



For latest information on this product please visit <http://l.tesa.com/?ip=04163>