

## Closed-cell sealing tape, petrol and oil resistant

|                                |                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application areas</b>       | One side self-adhesive, closed cell nitrile rubber (NBR) foam for use as: <ul style="list-style-type: none"><li>▪ sealing material for mechanical and apparatus engineering</li><li>▪ connection element for vibration and noise isolation</li><li>▪ ideal for handicraft and industry</li></ul>                                                                                                       |
| <b>Product benefits</b>        | <ul style="list-style-type: none"><li>▪ good chemical resistance</li><li>▪ especially resistant to oil, grease and petrol</li><li>▪ with good resistance to saltwater, ozone, UV, diesel, alcohol, glycol and gas</li><li>▪ self-extinguishing (suitable for constructions with fire protection requirements)</li><li>▪ outstanding elastic recovery</li><li>▪ good UV and ageing resistance</li></ul> |
| <b>Base</b>                    | Foam: NBR-foam rubber (nitril rubber), closed-cell<br>Adhesive: acrylate dispersion, solvent-free,<br>not permanently moisture-resistant<br>Protective film : siliconised LDPE film                                                                                                                                                                                                                    |
| <b>Processing</b>              | The substrate must be sound, dry and free of dust and grease.<br>Carefully remove the masking film and apply the adhesive tape to the substrate with sufficient pressure.                                                                                                                                                                                                                              |
| <b>Density</b>                 | ca. 200 kg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Compression hardness</b>    | ca. 65 kPa resp. 6.5 N/cm <sup>2</sup> at 25 % compression (acc. to ASTM D1056)                                                                                                                                                                                                                                                                                                                        |
| <b>Compression set residue</b> | ca. 15 % after 24 h (23 °C) at 50 % compression (acc. to ASTM D1056)                                                                                                                                                                                                                                                                                                                                   |
| <b>Shore 00 hardness</b>       | 55 (acc. to ASTM 2240)                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Water absorption</b>        | <5 % in volume                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Temperature resistance</b>  | from -40 °C up to +100 °C (foam)<br>from -40 °C up to +100 °C (adhesive)                                                                                                                                                                                                                                                                                                                               |
| <b>Chemical resistance</b>     | Resistant to: salt water, petrol, fuel oil<br>Limited resistant: Natronlauge, hydrochloric acid 10 %, sulphuric acid 30 %<br>Not resistant to: chlorinated solvents, ketone, ester, halogens , peroxide                                                                                                                                                                                                |
| <b>Breaking elongation</b>     | >200 % (acc. to DIN 53571)                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Tensile strength</b>        | ca. 1300 kPa (acc. to ASTM D 412)                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Shrinkage</b>               | 5 % max after 22 h at 70 °C (acc. to ASTM D1204)                                                                                                                                                                                                                                                                                                                                                       |
| <b>Fire behaviour</b>          | passed from 2 mm, HF1 (acc. to UL94)                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Colour</b>                  | <b>black</b>                                                                                                                                                                                                                                                                                                                                                                                           |

**Standard stock dimensions**

This product is not a stock standard.

**Special dimensions**

We will be happy to provide you with a quote for specific items from a certain minimum quantity, whether it be single sided self-adhesive tape, double sided self-adhesive tape or adhesive free tape.

All technically feasible widths from 6 to 1000 mm in the following thicknesses are available from 3 packing units (PU): 2, 3, 4, 5 and 6 mm. Shrink-wrapped packaging film in 5 rolls.

**Shelf life**

In closed original packaging, protected from direct sunlight and stored in a dry place between +15 °C and +25 °C, the official shelf life is 24 months from date of production.

**Observe:** All information is based on careful examinations in the labs and our previous practical experience. They are non-committal notes. Due to the many materials that are marketed and the different processing methods, which we cannot influence, we can, of course, not assume any warranty, including under patent-law, for the result of your work. We recommend performing sufficient own tests to find out if the product meets the respective requirements. In addition, we refer to our terms and conditions of sale, delivery and payment, available at [www.wisabax.ch/agb.html](http://www.wisabax.ch/agb.html). © Wisabax AG - This technical data sheet replaces all older versions.

Have you noticed an unclear formulation or an error? Thank you for your feedback. In case of doubt, the German version of the technical data sheet applies.