

## Technical Data Sheet – GEKO STRIP

Description: Self adhesive extruded EPDM cellular rubber with closed cells and skinned surface for use on windows, doors, in between panels etc....

| Characteristic   | Result  | Test Method   |
|--|---|---------------|
| Type of rubber   | EPDM (ethen propen rubber)  |               |
| Resistance to water absorption 21 +/- 2°C                  | Extremely good, less than 3%  | ASTM D 1056   |
| Resistance to ozone 50 +/- 5 pphm elongation 20% 38 °C/70h | Extremely good, no splits (2x zoom)   | PN-ISO 1431-2 |
| Resistance to low temperature – 40 °C/70 h                 | Extremely good, no splits   | -             |
| Density  | 300 +/- 50g/dm <sup>3</sup>   | ASTM D 1056   |
| Compression set 70°C/24h                                   | Max 75%   | -             |
| Adhesive strength to rubber profile                        | Min 8N/cm   | -             |
| Adhesive strength to enamel                                | Min 8N/cm   | -             |
| Shear resistance (static 500g/225mm <sup>2</sup> )         | 300 sec   | -             |
| Resistance to elongation at application                    | Max 0,5% at 0 N and max 1,0% at 40 N  | -             |
| Resistance to atmospheric ageing, UV Light and oxidation   | Extremely good  | -             |
| Working temperature range                                  | -40 to +65 °C   | -             |
| Storage  | Dry and cool, max temperature 25 °C, humidity 70%, do not expose to direct sunlight | -             |

### ADHESIVE PROPERTIES

|   |                                  |                     |                 |
|---|----------------------------------|---------------------|-----------------|
| I. Application : Double sided adhesive tape for lamination of rubber profiles                                   |                                  |                     |                 |
| II. Chemical composition :  |                                  |                     |                 |
| a) resin type glue based on synthetic rubber  |                                  |                     |                 |
| b) glass fibre carrier  |                                  |                     |                 |
| c) silicone covering paper , yellow - havana  |                                  |                     |                 |
| III. Properties ( characteristics )   | Value required border tolerances | Class of importance | Test methods    |
| 1/.Tensile strength of carrier , kN/m   | MD min. 15<br>CD min 1           | +                   | ASTM D 882      |
| 2/. Elongation of carrier , %   | max 7                            | +                   | ASTM D 882      |
| 3/. Adhesion to the stainless steel plate after 20 min , at 180 <sup>0</sup> peeling, N/25mm                    | MS 75 +/- 25<br>LS 75 +/- 25     | +                   | ASTM D 1000     |
| 4/. Separation g / 25 mm  | 59 +/- 16                        | +                   | FINAT. 4        |
| 5/. Paper weight , g / m <sup>2</sup>   | 88 + / - 4                       | +                   | EN ISO 536      |
| 6/. Paper tensile strength , kN/m   | MD min 6,8                       | +                   | EN ISO 1924 - 2 |
| 7/. Paper tear resistance , mN  | MD min 510<br>CD min 545         | +                   | DIN EN 21974    |
| Class of importance: C - critical + important - secondary importance  |                                  |                     |                 |
| Tests according to points 1 and 2 conducted on carrier without glue.  |                                  |                     |                 |
| Abbreviations : MS - application side ; LS - the side of paper, MD - longitudinally, CD in transverse direction |                                  |                     |                 |

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