

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/dm3	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/225mm2)	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 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° peeling, N/25mm	MS 75 +/- 25 LS 75 +/- 25	+	ASTM D 1000
4/. Separation g / 25 mm	59 +/- 16	+	FINAT. 4
5/. Paper weight , g / m ²	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 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			

Profiles: E mm9 x 4 for gaps from mm1 to 3,5
 P mm9 x 5,5 for gaps from mm2 to 5
 D mm9 x 6 for gaps from mm2 to 5,5

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