

PLAKA – CELLULAR EPDM JOINT

Foam joint

REF 08.02.04 - Version V01 - 15/12/2020



Description



Cellular rubber made of closed cell EPDM (Ethylene Propylene Diene Monomer).

Application fields

- sealing against water, air, noise and gases
- shock and vibration damping
- glass industry

Colours

Black
Cream white on request

Available types

- rolls
- plates
- preformed pieces (punched parts)
- coils
- non-adhesive or one-sided self-adhesive

Thicknesses

2-3-4-5-6-8-10-15 mm

Width

6 to 1 000 mm (thicknesses 1 to 6 mm)
10 to 1 000 mm (thicknesses 8 to 15 mm)

Properties

- excellent resistance to weathering, UV rays and ageing
- moderately resistant to oil, petrol, light acids, alkalis in normal concentrations, alcohol and turpentine
- very good insulation against cold
- high acoustic damping

Technical properties

Technical properties	
Property	Value + unit (*)
Density (ISO 845)	175±25 Kg/m ³
Structure	Closed cells
Shore hardness	40-55°
Temperature resistance	-30°C to +100°C
Application temperature	minimum 5°C (adhesive layer)
Elongation break (ISO 1798)	≥150 %

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Tensile strength (ISO 1798)	≥400 kPa
Permanent deformation at a compressive pressure of 50%/22h (ASTM D1056-77)	à 23°C : ≤25%
Water absorption (ASTM D1056-80)	≤5%
Pressure resistance (ASTM D 1056-85)	35-63 kPa at 25% compression 80-160 kPa at 50% compression
Ageing resistance	Good
Storage	In the original packaging, at room temperature

(*) Values can differ depending the dimension.

Dimensions

Dimensions					
	Code	B mm	H mm	m/Box	Kg/Box
	JAN1010	10	10	150	9.30
	JAN1505	15	5	200	4.75
	JAN1510	15	10	100	4.75
	JAN1515	15	15	100	7.45
	JAN2015	20	15	75	7.45
	JAN2020	20	20	-	-
	JAN3030	30	30	-	-
	JAN4040	40	40	-	-

Note

In the case of self-adhesive versions, the adhesive layer only serves for simple, temporary positioning of the product. The product should not be subjected to mechanical stress.

The materials and substrate must be solid, dry, grease, oil and dust-free.