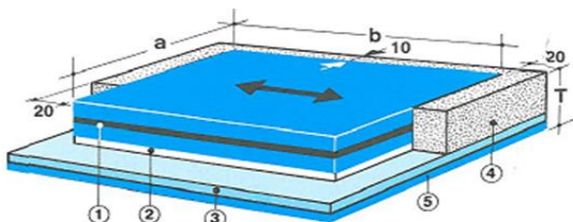


**PLAKA - ELASTOMERIC BEARING PAD  
 TYPE GF**
**Reinforced deformation bearing pad, with sliding sheet**  
 REF 07.03.01 - Version V01 - 17/08/2020

**Description**


- ① Reinforced bearing with TEFLON sliding sheet
- ② Sliding plate 2 mm
- ③ PE foam
- ④ Elastomeric sheet 2 mm

On a reinforced elastomeric block ① of 10, 14 or 20 mm, a Teflon layer ② has been vulcanised. The Teflon sheet slides over a sliding plate made of acetal ③. This acetal plate is 2 mm thick and is protected by a elastomeric sheet ⑤ of 2 mm. The whole is wrapped with a polystyrene foam ④ which thus creates the expansion chamber.

**Application field**

- Support of high vertical loads.
- Allow a rotation  $\delta$  without creating tensions outside the central core.
- Ensure a free expansion with reduction of the horizontal effort. Coefficient of friction  $\mu = 0.05$ .

**Installation instructions**

After the bearing is installed on the structural support, cut the adhesive tape present on the sides of the bearing pads.

**Properties**

Mechanical properties	
Rubber type :	SBR
Density :	1,45 ± 0.02 kg/l
Hardness :	62 ± 5 Shore A
Tensile strength :	≥ 6 N/mm <sup>2</sup>
Elongation at break :	≥ 500 %
G-modulus	> 0,80 MPa
Modulus 100 % :	> 1,20 N/mm <sup>2</sup>
Modulus 200 % :	> 2,00 N/mm <sup>2</sup>
Modulus 300 % :	> 3,00 N/mm <sup>2</sup>
Colour :	Black
Aspect :	The 2 faces are smooth
Type of steel :	S 235 JR
Bond rubber - steel :	≥ 7 N/mm <sup>2</sup> (NBN T 32-001)

Bearings are cut on dimensions.

The edges are protected against corrosion by a special coating.

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**Dimensions**

Material and dimensions					
Reference code	Picture	Dimensions		p/Box	Weight (Kg/1)
		A x B mm	E mm		
BSGF14012014		100 X 100	10	1	0.36
BSGF14012018		100 X 100	14	1	0.42
BSGF14017014		100 X 150	10	1	0.54
BSGF14017018		100 X 150	14	1	0.64
BSGF19022014		150 X 200	10	1	1.03
BSGF19022018		150 X 200	14	1	1.55
BSGF24027014		200 X 250	10	1	1.65
BSGF24027018		200 X 250	14	1	2.15
BSGF24027024		200 X 250	20	1	3.12
BSGF24027034		200 X 250	30	1	4.54
BSGF24032014		200 X 300	10	1	2.36
BSGF24032018		200 X 300	14	1	2.54
BSGF24032024		200 X 300	20	1	3.77
BSGF24032034		200 X 300	30	1	5.45

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