

Type BP stic



Type BP stic is similar to our type BP, but designed with a self-adhesive silicone layer on one side. This adhesive layer is covered with a release liner. The base material is a glass fibre impregnated with PTFE. The standard silicone adhesive layer is resistant up to a maximum temperature of +250°C. On request, type BP stic is available with acrylic adhesive layer for applications requiring a higher adhesion. This acrylic adhesive can be used up to +120°C.

PTFE glass fibre is used in many applications. For example in industrial processes requiring non-stick properties. An important application in the packing industry is the use in heat-seal machines, but also for the coating of molds and (sliding) gutters. Standard packing unit of type BP stic are rolls of 30 mtr, in various widths. Other lengths are available on request. The most common thicknesses are 0,08 mm/0,11 mm/0,12 mm/0,21 mm. The standard colour of PTFE glass fibre is light brown. Other colours available on request.

Key properties PTFE glass fibre

- Wide temperature range from -200°C to +260°C (for "stic" types -73°C to +250°C)
- Excellent chemical resistance
- Good anti-stick properties
- Easy to clean
- Low friction coefficient from 0.04 to 0.10 (depending on load, transport speed and temperature)
- Excellent electrical, insulation and dielectric properties
- Foods suitable (USFDA)

Type	Thickness without adhesive layer mm	Weight gr/m ²	Application	Remarks
BP3stic	0,08	150	heat-sealing	adhesive
BP5stic	0,11	260	heat-sealing	adhesive
BP6stic	0,12	300	heat-sealing	adhesive
BP10stic	0,21	500	heat-sealing	adhesive
BP14stic	0,28		heat-sealing	adhesive

The above mentioned types are our standard.