

Press Release

01/03/2021

New SUPER-technopolymer CFM-TR hinges



Elesa has long been market leader also in the use of reinforced technopolymer or **SUPER-Technopolymer**, for robust industrial applications and sectors where the request of metal substitution is high demand to the advantage of lightness, or where the corrosion resistance is a necessary requirement.

SUPER-Technopolymers represent the most recent and advanced development in engineering of polymeric materials. Thanks to the presence of high percentages of glass fibre linked to the base polymer with suitable primers and / or the presence of aramid synthetic fibre, SUPER-Technopolymers are characterized by mechanical and thermal properties far superior to the traditional polymers.

Components in SUPER-Technopolymer are able to guarantee the following advantages: high mechanical performance, corrosion resistance, lightness, nonmagnetic, low coefficient of friction, maintenance free, thermal insulation, coloured material throughout.

Elesa has recently presented the CFM-TR and CFM-TR-G.

Hinges for mounting on enclosures and panels

The new hinge in glass-fibre reinforced polyamide **CFM-TR** is ideal for enclosures and panels. The number of holes of the CFM-TR hinges, allow it to make the structure more stable, ensuring a major mechanical resistance.

Hinges for mounting on glass or panels

CFM-TR-G hinges are characterised by a single pass-through hole on the panel side, which allows installation by minimising drilling and the risk of creeping the glass. The step washer, used to separate the stainless steel flat washer from the glass, is produced from Food and Drug Administration (FDA) compliant raw material for application in food industries as well. On the back of the hinge, a matching part is used to separate the screw from the glass.

Product technical data sheets, along with drawings and tables with codes and dimensions are available on our website [elesa.com](https://www.elesa.com)



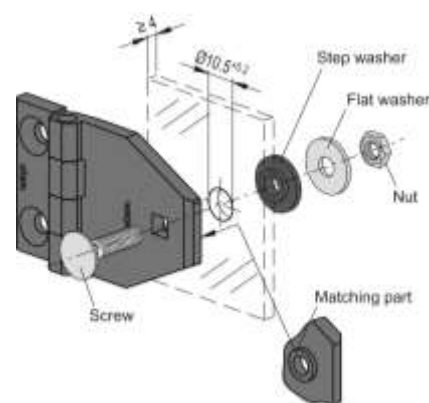
CFM-TR-A



CFM-TR-B



CFM-TR-G



Press Box

Contact: Fabio Invernizzi

E-mail: fabio.invernizzi@elesa.com

ELESA S.p.A.

Via Pompei, 29 - 20900 Monza (MB) Italia

tel. +39 039 2811.1 - info@elesa.com

[elesa.com](https://www.elesa.com)

STANDARD MACHINE ELEMENTS WORLDWIDE