

*F*AITGOM

Thermoplastic
polyurethane
films

FAITGOM FILMS

Faitgom is a family of thermoplastic polyurethane films (TPU) able to combine the advantages of plastic material with the properties of vulcanized rubber. They are conceived ad-hoc for the most sophisticated markets. The formulation and application know-how developed by Fait Plast, allow us to offer a wide range of solutions targeted to optimize the production process and the product performance of our clients. The polymeric matrix of Faitgom is normally divided in **polyester** (characterized by resistance to abrasion, hydro-carbons, and high mechanical performances) **polyether** (with high resistance to hydrolysis, bacteria, and excellent flexibility) **alifatic** (outstanding UV resistance).

Some **special grades** of Faitgom combine a mix of polyester and polyether main characteristics. Faitgom films easily work with the clients existing technologies, such as flame lamination, heat lamination, hot melt, solvent or adhesive. They can be welded onto other materials or onto themselves; they can be thermoformed, back foamed. The ease to work with Faitgom films is due to the thermoplastic nature of the Eastover, therefore they can be worked upon several times, after the first application.

Type G

polyester grade, characterized by a very high mechanical and abrasion resistance, resistance to oils and to chemical agents, good performance at low temperatures.

Type E

polyether grade, softer than polyester, stable to hydrolysis and resistant to fungi and bacteria attack. Excellent flexibility at low temperatures.

Type A

aliphatic degrees, optically transparent, extremely resistant to sunlight.

Type TM

double layer film, with a barrier layer and a thermo adhesive low temperature layer. The melting point difference between the two layers can be adjusted to the requirements of the customer.

Upon request, the Faitgom films can be customized with colors, with various levels of slippery effect, opacity and resistance to ultraviolet radiation. Some grades are available with a flame retardant version.

Faitgom films are often supplied with a polyethylene carrier. This allows the protection of the roll and makes the machinability easier.

Thickness: minimum 15 my.

Width: from 3 to 2200 mm

Core: 76 mm or 152 mm

Roll Length: depending on the thickness, from 250, 500, 1000 or 2000 meters.

PROPERTIES



Elastic



Weatherproof



U.V. resistance



Washable resistance



Water proof & breathable



Weldable with different technology



Low temp. resistance



Recyclable



Abrasion resistance



Colorable



Tough



Bacteria & hydrolysis resistance





With half a century of history, Fait Plast is the leading European producer of technical thermoplastic films, based on advanced polymers. Thanks to our powerful R&D structure, we define complex solutions with the most appropriate and innovative products, in many fields of application. The company is specialized in the production of tailor-made highly technological films.

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