

FAITERM

Thermo-adhesive
Films

FAITERM *mono and multilayer thermo-adhesive films*

Faiterm is a wide family of mono and multilayer thermoadhesive films (glues) that can have different chemical formulations that allow a good bonding between similar or completely different materials.

The application of FAITERM films is a simple combination between only 3 basic elements: temperature, pression and time.

Main usage:

Automotive: door panels, parcel shelves, car mats, seats, insulating parts, heavy masses, components for car interior and hoods, etc.

Shoe industry: sport, trekking and classic shoes, boots.

Fashion industry: decorations for leather and textile bags, suitcases, light dresses, bras, labels and decorations.

Furniture: laminates, parquet floors, office furniture, wallpapers.

Child-welfare: high chairs and playpens.

Military: bulletproof vests, bulletproof panels, reinforcements.

Other applications: composites, alluminum, glass, wood, foams, decorative laminates, sponges.

FAITGREEN is a new transversal concept of sustainability of FAIT PLAST

We have developed different products with renewable, compostable or recycled raw material.



With FAITGREEN products you can:

Absorb the CO2 from the envirnoment reducing the global warming.

Reduce the volume of waste

Reduce the exploitation of natural resources **giving circularity** to your products

Convert your products into **compostable material**

PROPERTIES



Elastic



Wash resistance



U.V. resistance



Recyclable



Possible in colors



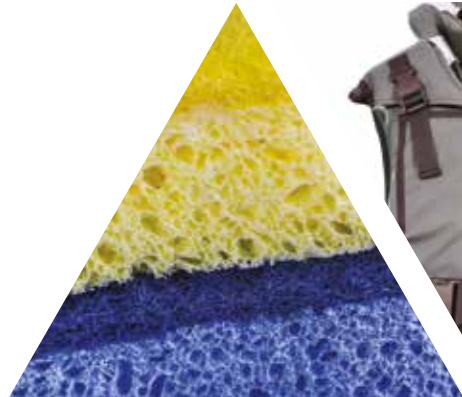
Good bonding



Different properties in one layer



Environmental friendly



	POLYOLEFIN				
	Cost-effective products with good adhesion on non-polar substrate, metals and others				
Product name	A77/110	D82/98	1871	762	221
Melting Range °C	92-102	95-105	75-85	75-85	110-125
Melting Kofler Plate					
Density g/cc	0,96	0,97	0,94	0,97	0,95
Max Width	2100mm	2100mm	2100mm	2100mm	2100mm
Min Thickness (µm)	20	20	20	20	20
Max Thickness (µm)	300	300	200	300	200
Carrier*	No	No	No	No	No

Note

Thermo-adhesive film based on highly modified polyolefin polymer with additional polar groups. Excellent bonding properties good to polar and non-polar material. Suitable for commodity applications with average performance. (PE/PE foams, Cotton, Polyester and Woolen fabrics, wood, paper, etc.) FR on demand.

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Fast-flowing and low-melting. Good adhesion to polyolefin nonwoven and foam, paper and PU foam. Suitable for calendering

Thermo-adhesive film based on highly modified polyolefin polymer with more polar groups compared to FAITERM A77/100. It bonds very well to polar and non-polar materials, suitable for commodity applications with low performance (PU/PE foams, cotton and wool fabrics, wood, paper, etc.)

Thermo-adhesive film based on Polyolefin polymer with higher melting point for applications where a higher heat resistance is required.

* Upon request some products can be supplied on a paper carrier

COPOLYESTER							
Products with excellent adhesive properties, good washing resistance (dry cleaning and washing in water) for applications with high performances.							
2460	1350	2567	1692	1218	FAITGREEN RN2001	FAITGREEN CP1001	FAITGREEN CP1002
120-130	115-125	105-115	105-115	105-115	95 - 135	115 - 125	80 - 120
1,27	1,20	1,20	1,19	1,20	1,25	1,28	1,24
2100mm	2100mm	2100mm	2100mm	2100mm	2100mm	2100mm	2100mm
15	15	12	20	10	20	20	20
200	200	200	200	200	100	100	100
Yes	Yes	Yes/No	Yes	Yes	yes	yes	yes

Thermoadhesive film based on CoPES polymer with excellent adhesion and washing resistance.

Thermo-adhesive film based on Co-PES polymer with high adhesion and washing resistance, tin-free and Oeko-Tex 100 approved. FR on demand.

Low melting point CoPES based thermoadhesive film. It can be supplied even without carrier

Thermo-adhesive film based on Co-PES polymer with a low melting point, Oeko-Tex 100 approved.

CoPES thermoadhesive film with low melting point, Oeko-Tex 100 approved.

Thermoadhesive film with >25%BCI from renewable sources according to ASTM D4866

Compostable thermoadhesive film according to EN13432:2002

Compostable thermoadhesive film according to EN13432:2002

POLYAMIDE						
Products with excellent adhesive properties, good washing resistance (dry cleaning and washing in water), high mechanical properties, suitable for applications with high performances.						
FAITGREEN RN3001	FAITGREEN RN3002	093	110F	BT/4	1132	
105-115	95-105	120-130	100-110	115-125	170-180	
1,02	1,13	1,09	1,01	1,08	1,10	
2100mm	2100mm	2100mm	2100mm	2100mm	2100mm	
25	20	10	25	20	20	
80	100	200	80	100	100	
Yes	Yes/No	Yes/No	Yes	Yes/No	Yes/No	

Thermo-adhesive film with >40% BCI content originating from renewable sources according to ASTM D4866

Soft thermo-adhesive film with low activation temperature, good adhesion to leather

Thermo-adhesive film based on Co-PA polymer, good adhesion to PVC with good barrier to plasticizers

Soft thermo-adhesive film, very fluid, suitable for treated surfaces or difficult fabrics, Oeko-Tex 100 approved.

Modified thermo-adhesive film for applications with low performances.

Thermo-adhesive film with high activation temperature, resistant to hot oils

	POLYURETHANE													
	Products with good adhesive properties, excellent elasticity and softness, good washing resistance (dry cleaning and washing in water) and very good mechanical properties.													
Product name	FAITGREEN RN4001	FAITGREEN RN1002	FAITGREEN RN1003	091	198	1130EL	TU/1	TU/2	TU/4	TU/5	TU/44	133	220	222
Melting Range °C	90 - 105	55 - 70	70 - 80	85-95	80-90	90-100	80-95	120-130	150-160	145-155	100-110	polar side 85-95 nonpolar side 80-90	130-140	130-140
Melting Kofler Plate														
Density g/cc	1,09	1,2	-	1,20	1,16	1,18	1,19	1,21	1,23	1,13	1,19	1,14	1,21	1,23
Max Width	2100mm	2100mm	2100mm	2100mm	2100mm	2100mm	2100mm	2100mm	2100mm	2100mm	2100mm	2100mm	2100mm	2100mm
Min Thickness (µm)	20	20	10	15	15	40	10	20	20	20	20	30	15	15
Max Thickness (µm)	150	150	100	200	200	400	400	400	400	400	400	300	200	200
Carrier*	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Note

Renewable TPU thermoadhesive film with 40% BCI according to ASTM D4866

Renewable TPU thermoadhesive film with 63% BCI according to ASTM D4866

Renewable TPU thermoadhesive film with 85% BCI according to ASTM D4866

Thermoadhesive TPU film with low activation temperature, dry surface, high speed crystallization. FR and antimicrobial version on demand.

Film with the same properties of FAITERM 091, film with higher elasticity film, with low activation temperature and low melting point

Thermo-adhesive TPU film with higher elasticity film, with low activation temperature, Oeko-Tex 100 approved.

Soft thermo-adhesive TPU film with low activation temperature, Oeko-Tex 100 approved.

Thermo-adhesive TPU film for general applications, average melting point, Oeko-Tex 100 approved.

Thermo-adhesive TPU film with high activation temperature, FDA and Oeko-Tex 100 approved.

Polyether-based TPU thermo-adhesive film with better resistance to hydrolysis and to bacterial attacks, Oeko-Tex 100 approved

Very soft and elastic TPU based thermo-adhesive film

Bi-layer thermoadhesive TPU film for surfaces with different polarity.

Thermoadhesive film based on ester TPU.

EVERY PRODUCT CAN BE SUPPLIED SLIT OR MICROPERFORATED UPON REQUEST

SPECIAL GRADES

The Tech Center of Fait Plast is ready to cooperate with customers/partners to develop new customized solutions where extreme or new performances are needed, for example:

- Thermo-adhesive films compatible with polar and non-polar products.
- Thermo-plastic thermo-adhesive films with high heat resistance.
- Reactive thermo-adhesive films.
- Barrier thermo-adhesive films to: gas, liquids, harsh chemicals, light, etc.
- Super elastic and soft thermo-adhesive films.
- Thermo-adhesive films with excellent gripping surface.



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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. Fait Plast is specialized in the production of tailor-made highly technological films.

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