



Sustainability:
plastic can be part
of the solution

FAITGREEN *product range*

FAITERM

Faiterm thermoadhesive films enable an **excellent bonding between different materials**. The bonding process based only on temperature, pressure and time reduces the impact on environment as it is solvent-free and does not cause any fumes. There are solutions based on TPU (ester or ether based), CoPES and CoPA, with different melting temperatures. Faitgreen thermoadhesives are made of materials from **renewable** sources. **BCC* is from 20% to 60%** (ASTM D6866).

FAITGOM

Faitgom is a family of **thermoplastic barrier films** (TPU) that offers a wide range of solutions to optimize the production process and the product performance for our customers. Faitgom films can be laminated on other materials or welded onto themselves, thermoformed and back-foamed. Faitgreen barriers are made of materials from **renewable** (with **BCC* >40%** according to ASTM D6866) or **compostable** sources (according to EN 13432:2002). There are solution based upon TPU (ester) and CoPES.

FAITEX

Faitex is a family of **hydrophilic membranes**, acting after lamination onto various textiles, as a barrier against wind and rain. Besides the barrier function the Faitex membranes are capable to absorb and transport the human sweat (moisture) from the inside to the outside of the garment, thanks to their hydrophilic nature. This results in the so-called breathability of the Faitex membranes that provides additional comfort to the garment. Faitgreen membranes are made of materials from **renewable** (with **BCC* from 18 to 50%** according to ASTM D6866) or **compostable** sources (according to EN 13432:2002). There are solution based upon TPU (ether) and CoPES.

* Bio based carbon content

FAIT PLAST's response to the market



RN RENEWABLE

Film made with raw material from **renewable sources**.

The certification of renewable content could be assessed by EN 15440, CEN166137 or ASTM D 6866 standard.

Fully recyclable as std petrol-based products.

CP COMPOSTABLE

Film made by **compostable** raw material.

The certification of the compostability could be assessed by EN 13432:2002 standard.

This product could contain also renewable sources.

RC RECYCLED MATERIAL

Film made by **recycled material**.

These products can be recycled again.

Recycled material from post-industrial scraps mainly.



FAITEX

Breathable membranes

Product Name	CP001	RN101	RN301
Chemical base	Compostable CoPES	Renewable CoPES	Renewable CoPA
Breathability (+, ++, +++, +++)	+	++	+++
Hydrostatic Pressure (m)	> 10	> 10	> 10
Renewable content	NA	18	48
Compostability	yes	no	no
Melting Range (°C)	120 - 130	185 - 195	145 - 155
Density (g/cc)	1,26	1,21	1,10
Tensile Strength (N)	8 - 9	5 - 5	5 - 5
Elongation at break (%)	650 - 700	580 - 570	650 - 650
Tear Propagation (N/mm)	100 - 95	100 - 100	80 - 80
Standard thickness (µm)	8 - 10 - 15	> 15	15 - 20
Standard width (mm)	1550		
Roll length (m)	up to 1000		
Colours	Neutral, matt and white (on request different colours)		
Carrier	With or without carrier		
Core Ø	76 or 152		

FAITERM

Thermoadhesive films

Product Name	RN1001	RN2001	RN3001	RN4001	RN1002	RN1003	CP1001	CP1002
Chemical base	Renewable TPU-ester	Renewable CoPES	Renewable CoPA	Renewable TPU-ether	Renewable TPU-ester	Renewable TPU-ester	Compostable CoPES	Compostable CoPES
Biobased content (%BCC*)	> 30	> 25	> 60	> 60	> 63	> 85	-	-
Hardness (Sh A)	88 - 93	80 - 85	-	67 - 72	50 - 54	-	-	-
Melting Range (°C)	130 - 170	95 - 135	105 - 115	90 - 105	55 - 70	70 - 80	115 - 125	80 - 120
Density (g/cc)	1,15	1,25	1,02	1,09	1,2	-	1,28	1,24
Max Width (mm)	2100	2100	2100	2100	2100	2100	2100	2100
Min Thickness (µm)	20	20	25	20	20	10	20	20
Max Thickness (µm)	150	100	80	150	150	100	100	100
Carrier	yes	yes	yes	yes	yes	yes	yes	yes
Micro Perforated	on demand	on demand	on demand	on demand	on demand	on demand	on demand	on demand
Slit	on demand	on demand	on demand	on demand	on demand	on demand	on demand	on demand

* Bio based carbon content

FAITGOM

Thermoplastic barriers

Product Name	RN1004	RN1005	RN4002	RN1006	RN1007	RC1001	CP1003	CP6001	CP1004
Chemical base	Renewable TPU-ester	Renewable TPU-ester	Renewable TPU-ether	Renewable TPU-ester	Renewable TPU-ester	Recycled TPU-ester	Compostable CoPES	Compostable TPE	Compostable CoPES
Biobased content (%BCC*)	> 35	> 40	> 55	> 35	> 65	-	-	-	-
Hardness (Sh A)	88 - 93	80 - 85	83 - 87	80 - 85	81 - 85	91 - 95	-	-	-
Melting Range (°C)	170 - 185	145 - 170	-	145 - 170	175 - 210	145 - 155	95 - 135	-	-
Density (g/cc)	1,15	1,13	1,11	1,13	1,14	1,22	1,26	1,21	1,11
Max Width (mm)	2100	2100	2100	2100	2100	2100	2100	2100	2100
Min Thickness (µm)	20	20	20	20	20	50	10	30	30
Max Thickness (µm)	150	150	150	150	150	150	100	100	120
Carrier	yes	yes	yes	yes	yes	yes	yes	yes	yes
Micro Perforated	on demand	on demand	on demand	on demand	on demand	on demand	on demand	on demand	on demand
Slit	on demand	on demand	on demand	on demand	on demand	on demand	on demand	on demand	on demand
Note	-	-	-	-	-	-	-	elastic and matt	TM grade

EASYTAPE

Tape

Product Name	RNT001
Chemical base	Renewable TPU - ester
Biobased content (%BCC*)	> 85
Hardness (Sh A)	-
Melting Range (°C)	70 - 75
Density (g/cc)	-
Max Width (mm)	TAPE
Min Thickness (µm)	20
Max Thickness (µm)	100
Carrier	yes
Micro Perforated	no
Slit	no
Note	-

Disclaimer: The information stated herewith are based upon tests which FAIT PLAST S.p.A. considers to be reliable; purchaser cannot rely upon them for any specific application, since product's performance properties may vary according to processing conditions and product's use. FAIT PLAST S.P.A.'s liability is limited according to art. 1522 of the Italian Civil Code; FAIT PLAST S.p.A. does not guarantee the results and/or undertakes any obligation based on and/or connected with the information stated in this sheet. This sheet does not have any legal value and must not be considered as a publication, permission, recommendation and/or inducement to practice any patented invention without permission of the patented owner. Any dispute arising from of connected with the information stated in this sheet will be deferred exclusively to the court of Brescia (Italy), that will decide according to the Italian Law.



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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