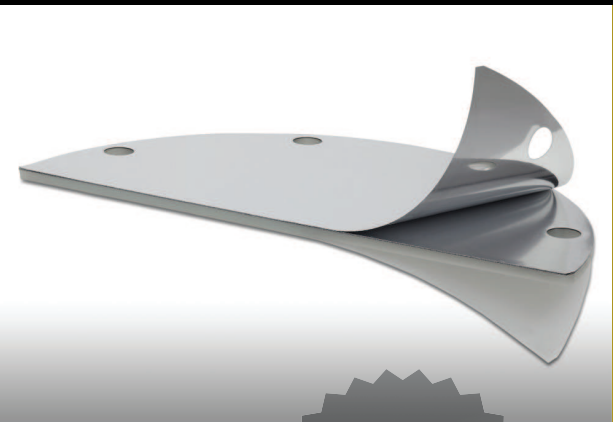


# DUOPEEL

## The visual bilaminate



DUOPEEL<sup>®</sup> (1) is a peel-off material, designed and patented<sup>(2)</sup> by Yann GASTEL. This bilaminate composite material allows the different hand peelable layers to be easily differentiated. One of the two materials has received a very thin covering layer of aluminium giving it a metallic appearance. This makes it easy to identify the different peelable parts of your finished product. You can peel the appropriate side off to obtain the desired shim thickness.

### Advantages:

#### EASY IDENTIFICATION OF THE DIFFERENT PEELABLE SECTIONS

For example, a peel-off shim with a total thickness of .069 inch can be made of a section of 10 elements of polyethylene glycol terephthalate of .003 inch (or .03 inch) and a second of 40 sheets of metalized polyester of .001 inch (or .04 inch).

#### LIGHTNESS

It is an appropriate response to a requirement for lighter materials (to achieve greater autonomy or payload). DUOPEEL<sup>®</sup> is, with INTERCOMPOSITE<sup>®</sup> (3) and X.FIBER<sup>®</sup> (4) and COBRA.X<sup>®</sup> (5) the lightest of all peelable materials.

Material	Specific weight	Weight-saving
DUOPEEL <sup>®</sup>	1,395	
Aluminum	2,8	2,01 X

#### ADAPTS TO CURVED SHAPES

DUOPEEL<sup>®</sup> immediately adapts to most curves without any loss of precision. And all this at the assembly site itself.

#### EASE AND SPEED OF USE

DUOPEEL<sup>®</sup> can be peeled by finger, there's no need for tools.

(1) DUOPEEL<sup>®</sup> - Trademark registered,

(2) France: Patent No. FR 2 944 990 B1, Europe: Patent No. EP 2 248 661 B1

(3) INTERCOMPOSITE<sup>®</sup>, (4) X.FIBER<sup>®</sup>, (5) COBRA.X<sup>®</sup> - Trademarks registered, see patent numbers on the sheet devoted to each of these products.

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### SAFETY, NO RISK OF OCCUPATIONAL ACCIDENTS

This composite material removes any risk of injury during the peeling operation.

### GOOD PHYSICAL, MECHANICAL, THERMAL AND CHEMICAL CHARACTERISTICS

This data is communicated on request by return of e-mail.

### SAVINGS AND ECONOMY

Once peeled, the sheets remain flat and show no signs of deformation. And so they are reusable.

## Dimensions of DUOPEEL® products:

Standard	Specific weight	Thickness of lamination (mm / inch)														
		Standard														
		PET				Metallised polyester										
		0,012	0,019	0,023	0,05	0,075	0,1	0,2	0,012	0,019	0,023	0,05				
		.0005	.0007	.0009	.002	.003	.004	.008	.0005	.0007	.0009	.002				
		3	4	5	7	8	9	11	3	4	5	7				
LS13	1,395	x	x	x	x	x	x	x	x	x	x	x				

DUOPEEL®, synergy for assemblers and technicians



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