

SynPap

Synthetic printing media for demanding print application

Thanks to its tear resistance EX-P
SynPap is an excellent solution for

- Labels for production traceability
- Timber stapled labels
- DIY garden labels
- Horticulture tree and plant labels
- Marine maps
- Infant book
- Bracelets
- Meat labels
- Bundle labels
- Freeze food labels
- Gas bottle labels
- Any kind of graphics that should not rip,
fade or break



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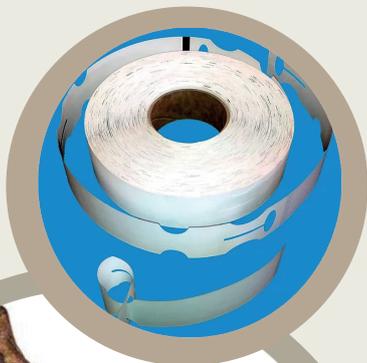
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PRODUCT RANGE AND FEATURES

Product	Thickness (μ)	Density	width (mm)	Corona	Primer	UV Protection	30% Recycled	High Mineral
Synpap Foil	80-200	1.1	1450-1600	✓	✗	On demand	On demand	On demand
	235-350		900-1100	✓	On demand	On demand	On demand	✗
Synpap Sheet	180-350		Max 1100	✓	On demand	On demand	On demand	✗



Outdoor resistance

The standard version is cold and heat resistant with a medium resistance to UV light. For most application the standard product is sufficient. Long term UV stabilization is possible on request. The version with Primer treatment will assure water resistance of UV-offset printing.

Food contact

Suitable for direct food contact under European Directive 10/2011 and amendments. Specific food contact declaration with SML will be supplied on request.

Sustainability:

Exten offers Synpap, according to your targets of sustainability.

- Standard: recyclable together with PP (polypropylene)

UK PLASTIC TAX EXEMPT

- version with 30% Post Industrial Recycled plastic content (ISO 14021 Pre-co)
- version with 50% mineral content (only 50% plastic)

Processing techniques

- Punching and folding
- Sewing
- Die cutting
- Perforating
- Stapling
- In Mold Decoration

Printing techniques

- Offset conventional and UV
- Flexographic
- Thermal transfer
- Ink Jet UV



Property	Method	Unit			Value
Tensile Strength at Yield MD/CD	ASTM D 638-IV	MPa			15
Elongation at Yield MD/CD	ASTM D 638-IV	%			8
Elongation at brake MD/CD	ASTM D 638-IV	%			<800
Elmendorf Tear resistance	ISO 6383-2004	N	70μ	MD >3	CD >4
Elmendorf Tear resistance	ISO 6383-2004	N	80μ	MD >4	CD >5
Elmendorf Tear resistance	ISO 6383-2004	N	100μ	MD >6	CD >7
Elmendorf Tear resistance	ISO 6383-2004	N	180μ	MD >10	CD >11