

Ekosheet® for efficient storage, handling and space-saving transport



EKOSHEET® is a range of high-quality, solid sheeting products made of virgin or recycled plastics that are used as slipsheet or separating sheet in handling, storage and transport operations. They are space-saving, easy to clean and resistant to oil, moisture and chemicals.



Optimum space utilisation improves transport efficiency and affords cost savings



Stable and safe: 1375 kg of bagged product on an EKOSHEET®

EKOSHEET®

presents a number of significant benefits:

- space and, thus, cost saving
- suitable for multiple use
- resistant to chemicals
- durable and tear-resistant
- moisture-resistant
- light weight
- easy to clean
- environmentally friendly
- recyclable
- anti-slip surface (optional)
- text and/or company logo (optional)

Thanks to these properties, EKOSHEET® is increasingly displacing conventional packaging and transport products. EKOSHEET® is *the* answer to the new international ISPM15 standard, covering the export and import of wooden packaging and transport products. EKOSHEET® has a solid, completely closed structure, making it impossible for pathogens such as fungi and bacteria to lodge in it.



EKOSHEET® used as separating sheet for automotive products



Ideal protection against rising damp, especially for food products in paper bags



2400 kg on a single EKOSHEET®

EKOSHEET® is available in polyethylene and polypropylene, in various colours and in many sizes. The mechanical properties, such as stiffness, slip resistance and wear resistance, can be tailored to meet your particular requirements.

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Ekon is a subsidiary of the



SPECIFICATIONS AND TECHNICAL DATA SLIPSHEETS & SEPARATING SHEETS

Type	EKOSHEET®				
	LDPE-D	F-CE	HDPE	PP-C	PP-H
Raw Material	LDPE Recycled	PE-Compound Recycled	HDPE Recycled	PP-Copolymer Prime	PP-Homopolymer Prime Recycled
Standard Colour	Black Other colours on request	Black Other colours on request	Black Other colours on request	Black Other colours on request	Black Other colours on request
Standard dimensions <i>Thickness</i> <i>Length</i> <i>Width</i>	1,5 - 5 mm Flexible, on specification Max. 1500 mm	1,25 - 5 mm Flexible, on specification Max. 1500 mm	1 - 10 mm Flexible, on specification Max. 1500 mm	1,25 - 5 mm Flexible, on specification Max. 1500 mm	1,5 - 5 mm Flexible, on specification Max. 1500 mm
Application	One-way slipsheet	One-way or multiple use slipsheet	One-way or multiple use slipsheet Separating sheet	One-way or multiple use slipsheet Separating sheet	Separating sheet
Options:					
Antislipage, single or dual side		x	x	x	x
Rill & pull flap	x	x	x	x	x
Rounded corners	x	x	x	x	x
Text or logo	x	x	x		
	For specific use in nutrition processes the required sheets can be made of <i>virgin</i> raw materials				

MECHANICAL PROPERTIES (at 23 °C)

	DIN	UNIT	LDPE-D	F-CE	HDPE	PP-C	PP-H
E-modulus	53457	N/mm ²	350	750	1100	1200	1400
Tensile strength	53455	N/mm ²	11	20	27	28	33
Elongation at break	53455	%	300	200	400	700	600
Impact strength	53453	kJ/m ²	no break	no break	no break	30	5
Coefficient of friction	-	-	0,30	0,20	0,15	0,20	0,20
Density	53479	kg/m ³	940	950	960	920	920
Absorption of moisture	53495	%	< 0,03	< 0,03	< 0,03	< 0,03	< 0,03
Linear expansion	53752	mm/m/10°C	2,0	2,0	1,6	1,8	1,8
Fire test	4102	-	B2	B2	B2	B2	B2

CHEMICAL AND PHYSICAL RESISTANCE

The chemical and physical resistance of these products to acids, lyes and salt solutions, is generally spoken very good. In special cases, please contact us, especially for solvents.

All informations given in this brochure are indications and may vary as a result of working methods, aggregates, environmental influences etc. All details are given without liability on our part. In case of doubt, contact us for your specific application.