



Hammerl
Folien & Noppenmatten



QUALITY PRODUCTS
MADE IN GERMANY

BY THE RENOWNED PARTNER OF TRADE.

COMPANY

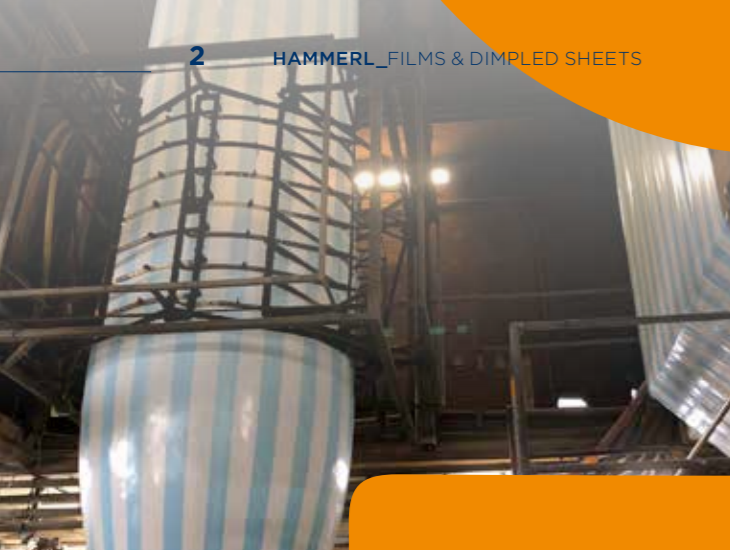
PE-FILMS

VAPOUR BARRIER SHEETS

DIMPLED SHEETS

SUSTAINABILITY

TECHNICAL DATA



INNOVATION AND CONSISTENCY SINCE 1956

EVERYTHING FROM ONE SOURCE. EVERYTHING UNDER ONE ROOF.



HAMMERL® PRODUCTS ARE IN USE EVERYWHERE.

MADE IN GERMANY. BY THE RENOWNED PARTNER OF TRADE.

Since 1956 Hammerl has been active as a well-known manufacturer for renowned companies worldwide in the development and production of blown films and dimpled sheets.

Our innovative and custom-made products are used in particular in the construction industry, landscaping and in the packaging industry. Hammerl films stand for high-quality films and dimpled sheets **“Made in Germany”**, from standard to customised products.

But above all: **sustainable and resource-saving** through the use of recycled material.

- COMPANY
- PE-FILMS
- VAPOUR BARRIER SHEETS
- DIMPLED SHEETS
- SUSTAINABILITY
- TECHNICAL DATA

PIONEER IN BLOWN FILM PRODUCTION SINCE 1977.

WE KNOW HOW IT'S DONE.

FROM STANDARD FILMS TO CUSTOMISED PRODUCTS

RESOURCE-SAVING THROUGH THE USE OF RECLAIMED MATERIALS

For covering door and window openings in shell construction and renovation, for curing concrete, for protecting floors during plastering and painting work, as dust protection, for slope stabilisation, and much more. All PE films are manufactured preserving resources by using reclaimed PE from industry and household and are fully recyclable. Our films are not UV-stabilised and should therefore be protected from sunlight.

PE-FILM TRANSPARENT
Made from industrial by-products

FOT



PE-FILM TRANSPARENT ECO
Made from one-time reclaimed PE

FOT ECO



PE-FILM TRANSLUCENT
Made from sorted reclaimed PE

FOF



PE-FILM OPAQUE
Made from dark reclaimed PE

FOK



PE-FILM BLACK
Reclaimed PE dyed black

FOS



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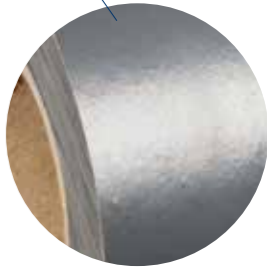
MANY CAN MAKE FILMS.
 HAMMERL® CAN OFFER THE PERFECT SOLUTION.

Fire Protection Film
 Low flammability according to DIN 4102-1

Tubular Films
 From 600 mm to 2,000 mm width

Provisional down pipe Construction plan protection

Antislip / Scaffolding Film
 Antislip film with coarse grain



SPECIAL PURPOSE FILMS & CUSTOM PRODUCTS

IN ADDITION TO GOODS IN STANDARD DIMENSIONS ACCORDING TO GKV REGULATIONS, WE ALSO OFFER CUSTOMISED PRODUCTS UPON REQUEST

- Tolerances according to customer specifications
- From 1 m to 12 m width
- From 10 m to 200 m length
- Unfolded up to 2 m or with special folding
- Individually designed with custom labels and printing
- UV-stabilised for 6 or 12 months
- For specific purposes

We are looking forward to your enquiry!

Raised Bed Film
 with dimples - protects wooden edging

Tinted & printed films
 In custom colours, with logo or slogan

Customized films
 With production tolerances



PE-FILMS
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HAMMERL® OPTIMIZES YOUR WORKFLOW.

SPECIALIZED SOLUTIONS SAVE TIME & MONEY.

WITH FLAME RETARDANT AND CERTIFIED SD VALUE

UNIQUE TWO COLOURED DESIGN



Vapour barrier sheets with flame retardant. Certified according to DIN EN 13984 building material class E, SD-value >100, for windproofing full rafter and between-rafter insulation.

Certified low emission for healthy living.

The white and blue stripes of the film are not only our quality trademark, but also provide an ideal cutting aid for cut-outs during installation.

VAPOUR BARRIER BLUE / WHITE
Fire classification E
SD-value >100

FB2



VAPOUR BARRIER BLUE
Fire classification E
SD-value >100
Available with print

FBB



VAPOUR BARRIER WHITE
Fire classification E
SD-value >100
Available with print

FBW



Thickness	130 µm	160 µm	200 µm	250 µm	400 µm
SD-Value	> 100	110	145	175	370

VAPOUR BARRIER SHEETS
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SAFETY FROM THE GROUND UP.

THROUGH RENOWNED
HAMMERL®-QUALITY.

WITH OR WITHOUT GEOMEMBRANE. HORIZONTAL OR VERTICAL.

**BLINDING LAYER ALTERNATIVE.
FOUNDATION WALL PROTECTION.
AREA DRAINAGE.**

TWO LAYERED DIMPLED SHEET

For wall protection, as an alternative for blinding layers, for covering firewood, as border for flower-beds and vegetable batches, or protection for gabions. Our dimpled sheets are produced exclusively with reclaimed material. This means we produce our items from 100% post-consumer recycling, cut-outs and industrial waste.

DIMPLED SHEET WITH GEOTEXTILE

Protects insulation and waterproofing coating of the foundation wall from damage when the excavation pit is re-filled and compacted. The geotextile ensures the drainage of water in accordance with the required DIN standards.

An additional **sliding film** adheres to the waterproofing agent, enabling the dimpled sheet to detach when tensile and shear forces are applied during filling and settling of the excavation pit.

Installed horizontally the products support drainage of green roofs and patios, or provide additional water storage.

**TWO-LAYERED
DIMPLED SHEET**
Basic Plus
Premium
Premium Plus

NOP



WITH GEOTEXTILE
Foundation wall
protection
Vertical and horizontal
drainage

NOD



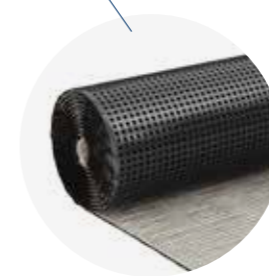
**WITH TEXTILE &
SLIDING FILM**
Additional protection of
waterproofing

NVG



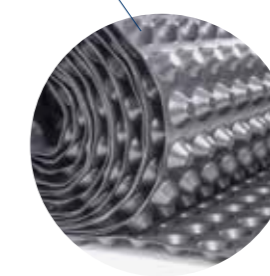
10 MM / 420 KN
With textile & film
High compressive
strength
High drainage capacity

Xxx-TRA



20MM DIMPLES
Very High Drainage
capacity
Tunnel construction

NID



20 MM WITH TEXTILE
Water storage on
green roofs
Area drainage

NIDV



DIMPLED SHEETS
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WE PRODUCE FILMS.

ECO-FRIENDLY.
HONEST. INDIVIDUAL.

SORRY - BUT YOUR FILM IS PRODUCED EXCLUSIVELY FROM WASTE.

NEW GROWTH WITH OUR RECYCLED FILMS

Ever since the company was founded, Hammerl has specialised in the manufacture of high-quality products from waste materials. A special focus has always been on the recycling of plastic waste. Thus, we have been an important partner in the recycling process for more than 60 years and contribute our share to environmental protection and sustainability.

Plastic and environmental protection - do they go together? Definitely!

Polyethylene - the environmentally friendly plastic:

PE is a by-product of oil refining. The raw material used to be considered a waste product and disposed of; today it is processed into polyethylene.

PE consists of carbon and hydrogen. This means that no toxic vapours, gases, or slags are produced either during processing or thermal disposal. PE is 100% recyclable and reusable as often as desired!

OVER 95% OF RAW MATERIALS FOR OUR PRODUCTS ARE RECYCLED:

RESOURCE-SAVING THROUGH THE USE OF RECLAIMED MATERIALS FROM INDUSTRY AND HOUSEHOLDS

PCR - Post Consumer Recycling

Household and commercial waste (e.g. shopping bags and packaging) is collected and processed into granulate by waste management companies. We then process this „plastic waste“ further here in our factory into new products. And these finished products are also 100% recyclable and can be returned to the material cycle!

PIR - Post Industrial Recycling

Incorrectly produced goods that cannot be reused by the manufacturer come to us via the PIR cycle. Our own production waste and scrap is also collected and returned to the production process via our in-house regeneration plant.

Prime / 1a / NT

Created during the production of the PE raw material. For example: when switching from one melt index to another, up to 15 tonnes of „non-type-compliant“ can be the result. This conversion product is therefore the first waste product in the material chain and is used by us for particularly high-quality films.

On request, we also supply films with tolerances according to your specifications. The number of rolls per pallet may then differ.

Standard dimensions, packaging and weight PE film						
Thickness	Dimensions	transparent	translucent	opaque	rolls / pallet	roll weight in kg*
30 µm	2 x 100 m	x			100	5,52
	4 x 100 m	x			75	11,04
40 µm	2 x 100 m	x			100	7,36
	4 x 100 m	x			75	14,72
50 µm	2 x 50 m	x	x		100	4,60
	2 x 100 m	x	x		75	9,20
	3 x 50 m	x	x		100	6,90
	4 x 50 m	x	x		75	9,20
	4 x 100 m	x	x		52	18,40
60 µm	2 x 50 m	x	x		100	5,52
	3 x 50 m	x	x		75	8,28
	4 x 50 m	x	x		75	11,04
80 µm	2 x 50 m	x	x	x	100	7,36
	3 x 50 m	x	x	x	75	11,04
	4 x 50 m	x	x	x	75	14,72
100 µm	2 x 50 m	x	x	x	75	9,20
	3 x 50 m	x	x	x	75	13,80
	4 x 25 m	x	x	x	75	9,20
	4 x 50 m	x	x	x	52	18,40
120 µm	2 x 50 m	x	x	x	75	11,04
	3 x 50 m	x	x	x	52	16,56
	4 x 25 m	x	x	x	75	11,04
	4 x 50 m	x	x	x	44	22,08
	6 x 25 m	x	x	x	60	16,56
	6 x 50 m	x	x	x	40	33,12
150 µm	2 x 50 m	x	x	x	75	13,80
	3 x 50 m	x	x	x	52	20,70
	4 x 25 m	x	x	x	75	13,80
	4 x 50 m	x	x	x	44	27,60
	6 x 25 m	x	x	x	60	20,70
200 µm	2 x 50 m	x	x	x	52	18,40
	3 x 50 m	x	x	x	52	27,60
	4 x 25 m	x	x	x	52	18,40
	4 x 50 m	x	x	x	33	36,80
	6 x 25 m	x	x	x	52	27,60
300 µm	4 x 25 m	x	x	x	44	27,60
	6 x 50 m	x	x	x	30	55,20
400 µm	4 x 25 m	x	x	x	27	36,80
500 µm	4 x 25 m	x	x	x	27	46,00

*Roll weight in kg according to GKV +/-5%
Further dimensions upon request

Packaging Vapour Barriers			
Thickness	Standard dimensions	Rolls per pallet	Roll weight*
130 µm	2 x 50 m / 4 x 45 m	75	12,22
160 µm	2 x 50 m / 4 x 45 m	75	15,04
200 µm	2 x 50 m / 4 x 45 m	52	18,80
250 µm	2 x 50 m / 4 x 45 m	44	23,50
400 µm	4 m x 25 m	27	37,60

Packaging Dimpled Sheet				
Dimpled Sheet	Width	Length*	Rolls / pallet	m ² / pallet
Basic Plus, Premium und Premium Plus	0,5 m	20 m	48	480
	1 m	20 m	24	480
	1,5 m	20 m	12	360
	2 m	20 m	12	480
	2,5 m	20 m	12	600
	3 m	20 m	16	900
With geotextile - 250 kN	0,5 m	15 m	24	180
	1 m	15 m	12	180
	2 m	15 m / 20 m	6	180 / 240
	2,5 m	15 m / 20 m	6	225 / 300
with textile and sliding film - 250 kN	2 m	15 m / 20 m	6	180 / 240
	2,5 m	15 m / 20 m	6	225 / 300
XxX-tra 420 kN with geotextile / with textile and sliding film	2 m	12,5 m	6	150
	2 m	20 m	5	200
20 mm dimple height	2,5 m	20 m	5	250
	2 m	12,5 m	4	100
20 mm with geomembrane	2,5 m	12,5 m	4	125

NOP Compressive Strengths		
Type	at medium deformation	Load capacity
Basic Plus	approx 117 kN / m ²	up to 310 kN / m ²
Premium	approx 219 kN / m ²	up to 400 kN / m ²
Premium Plus	approx 260 kN / m ²	up to 450 kN / m ²

All technical values are approximations



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