

Delivery Program
2024

exolon[®]
vivak[®]
axpet[®]
inspria[®]

STANDARD

Production runs planned at regular intervals

SEMI-STANDARD

Production runs depending on market requirements

ON REQUEST

No planned production runs, minimum order quantity required. Please ask for the particular minimum order quantity.

**ECORANGE**

Exolon Group ECORANGE represents a line of products which attribute to improved sustainability by having a lower ecological footprint. Watch out for the ECORANGE products required.

exolon[®] **vivak**[®] **axpet**[®]

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Exolon Group. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

Thickness (mm)	Tolerance (mm)
0.60 – < 1 mm	+/- 0,10
1 - 2	+/- 10%
> 2	+/- 5%

COLOUR

Slight differences in the hue of coloured sheets may occur from batch to batch. We therefore advise you to use only sheets from the same batch for each individual project.

LENGTH / WIDTH (Standard)

≤ 2000 mm -0/+6 mm

> 2000 mm -0/+3 mm/m

LENGTH / WIDTH (Cut on-line)

700 – 2000 mm ± 2 mm

2001 – 3000 mm ± 3 mm

3001 – 4000 mm ± 4 mm

4001 – 5000 mm ± 5 mm

5001 – 6000 mm ± 6 mm

LENGTH / WIDTH (Cut off-line)

0 – 1500 mm ± 0.5 mm

1501 – 3000 mm ± 1.0 mm

3001 – 6000 mm ± 2.0 mm

SHRINKAGE

≤ 2 mm thickness max. 6%

≥ 3 mm thickness max. 3%

RECTANGULARITY

(Standard, Difference in length between diagonals)

Shall be less than 0.35% of the width of the sheet or 2 mm, whichever is the higher.

OTHER

Other tolerances are only available on request.



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Thickness (mm)	Tolerance (mm)
all types	+/- 0,5

COLOUR

Slight differences in the hue of coloured sheets may occur from batch to batch. We therefore advise you to use only sheets from the same batch for each individual project.

LENGTH (Cut on-line)

≤3000 mm	-0/+8 mm
>3000 mm	-0/+3 mm/ m

WIDTH (Cut on-line)

> 1230 mm	-2/+6 mm
< 1230 mm	-2/+4 mm

FLATNESS IN DIRECTION OF EXTRUSION

(Standard)	
	≤ 3 mm/m

FLATNESS CROSSWISE IN DIRECTION OF EXTRUSION

(Standard)	
	≤ 4 mm/m

RECTANGULARITY

(Standard, Difference in length between diagonals)	
	Shall be max 0.35% of the width of the sheet

LATERAL CURVATURE

Valid for sheets with closed edges as well as for sheet cut on both sides along the ribs (ex works or by the customer) with a minimum width of 800 mm: ≤ 4 mm/m - max. 20 mm.

OTHER

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Example Exolon® UV bronze 2850			
Exolon®	UV	bronze	2850
Brandname	Properties	Colour group	Definition (4 digits)
Exolon® Vivak® Axpert® Inspira®	GP: general purpose UV: UV-protected NR: non-reflective AR: abrasion resistant FR: flame-retardant FG: food grade	clear white bronze grey green blue umbra	1st digit: properties - no special properties 2 = 2 sides UV-protected 7 = 1 side abrasion resistant 8 = 2 sides abrasion resistant V = 1 side coated W = 2 side coated <hr/> 2nd digit: colour 0 clear 1 white 2 orange 3 red 4 violet 5 blue 6 green 7 grey 8 brown / bronze 9 black <hr/> 3rd & 4th digit: ref. number Example: 2850 2 sides UV-protected, bronze, 50 = Reference number

STRUCTURE (Optional)

R: raindrop

H: haircell

G: fine ripples

C: chairmat



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Example Exolon multi UV® 5X/16-25 white 1146			
Exolon®	5X/16-25	white	1146
Brandname	Properties	Colour group	Definition (4 digits)
Exolon® multi UV	<p>1st digit: layers 2: twinwall 3: triplewall 4: 4-wall 5: 5-wall 7: 7-wall</p> <p>Optional: structure X: X-structure HX: Hybrid-X structure</p> <p>2nd digit: thickness e.g. 16: 16 mm thick</p> <p>3rd digit: rib distance e. g. 25: 25 mm</p>	clear white bronze green blue	<p>1st digit: properties 1 = 1 side UV-protected 2 = 2 sides UV-protected 4 = 1 side UV, 1 side no drop</p> <p>2nd digit: colour 0 clear 1 white 2 orange 3 red 4 violet 5 blue 6 green 7 grey 8 brown/ bronze 9 black</p> <p>3rd & 4th digit approximate light transmission example: 1146 1 side UV-protected, white, LT ~45%</p>

ADDITIONAL PROPERTIES (Optional)

IQ-Relax:	heat reflecting opal multiwall sheet
no drop:	no drop coating on 1 side
CC:	ClimateControl, transparent and heat reflecting
ES:	Extra Strong
BF:	Butterfly



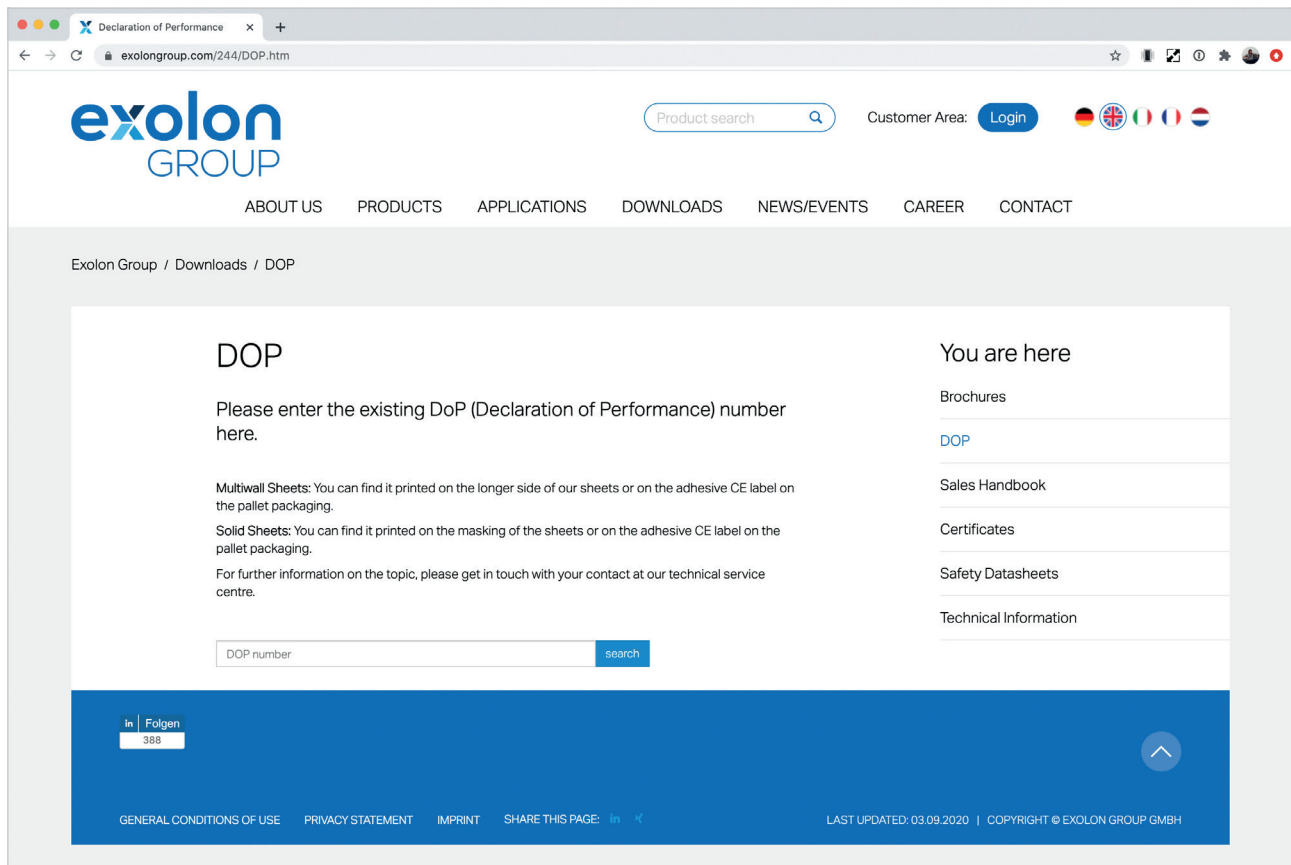
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EXOLON® MULTI & SOLID SHEETS

For all multi and solid sheets in our catalogue we have a CE marking in accordance with EN 16153 available. A document with a declaration of performance for each type of multi or solid sheet can be downloaded from our website, under „Downloads - DoP“.

Link to DoP No.:

<https://www.exolongroup.com/244/DOP.htm>



The screenshot shows a web browser window with the URL [exolongroup.com/244/DOP.htm](https://www.exolongroup.com/244/DOP.htm). The page features the Exolon Group logo, a product search bar, and a customer area with a login button and language selection icons (Germany, UK, Italy, France, Spain). The main navigation menu includes links for ABOUT US, PRODUCTS, APPLICATIONS, DOWNLOADS, NEWS/EVENTS, CAREER, and CONTACT. The breadcrumb trail reads 'Exolon Group / Downloads / DOP'. The main content area is titled 'DOP' and contains the following text:

Please enter the existing DoP (Declaration of Performance) number here.

Multiwall Sheets: You can find it printed on the longer side of our sheets or on the adhesive CE label on the pallet packaging.

Solid Sheets: You can find it printed on the masking of the sheets or on the adhesive CE label on the pallet packaging.

For further information on the topic, please get in touch with your contact at our technical service centre.

Below the text is a search input field labeled 'DOP number' and a 'search' button. A sidebar on the right titled 'You are here' contains a list of links: Brochures, DOP (highlighted), Sales Handbook, Certificates, Safety Datasheets, and Technical Information. At the bottom of the page, there is a footer with social media links (LinkedIn, Facebook, Twitter, YouTube, Instagram) and the text 'LAST UPDATED: 03.09.2020 | COPYRIGHT © EXOLON GROUP GMBH'.

Please enter the existing DoP (declaration of performance) number here. You can find it printed on the longer side of our multi or solid sheets or on the adhesive CE label on the pallet packaging.

For further information please get in touch with your contact at our technical service center.

Our technical data sheets provide further technical information on the types of solid & multiwall sheets. The latest versions of the respective data sheets can be downloaded from our website www.exolongroup.com.

exolon® **vivak®** **axpet®**

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ECORANGE

Exolon Group ECORANGE represents a line of products which attribute to improved sustainability by having a lower ecological footprint.

Based on reworked material:

The sheet contains at least 40% reclaimed material out of our own production.

- Exolon® GP ECO4
- Exolon® UV ECO4
- Vivak® GP ECO4
- Vivak® UV ECO4



Based on post-industrial waste:

The sheet contains 50 to almost 100% of pre-consumer waste. This is waste which is generated after the sheets leave our factory but before they are used in their final application, e.g. during the fabrication stage of the final part.

- Exolon® GP rECO5
- Exolon® UV rECO5
- Exolon® GP rECO10
- Exolon® UV rECO10



Based on post-consumer waste:

The sheet contains 25% of polyester from products which have reached their end-of-life and are recycled back into this new material.

- Axpert® rECOplus2
- Vivak® rECOplus5
- Vivak® rECOplus10



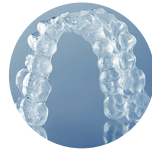
Based on biocircular waste:

Partially bio-circular sheets with low carbon footprint. This means that the part of the material which is normally made from fossil raw materials is now made from renewable content. The attributed sustainable share amounts up to 89% of the total content. This is monitored via ISCC PLUS.

- Exolon® GP ECOplus8
- Exolon® UV ECOplus8
- Exolon® multi UV ECOplus8
 - 5X/16
 - HX all types



In general all multiwall types are available as ECOplus.



MEDICAL RANGE

Our transparent sheets are made of resins which meet the requirements of ISO 10993/ USP class VI. For all materials of Exolon Group the biocompatibility can be proven and therefore the materials can be used without doubt in the medical field.

- Exolon® MED
- Vivak® MED
- Inspria® MED



COATED RANGE

The Exolon® AR product range contains various types of especially abrasion resistant, chemical resistant and UV-resistant polycarbonate sheets. With outstanding impact resistance, too, these sheets guarantee a surface quality comparable to glass – whilst being highly resistant to scratches and abrasion.

- Exolon® AR
- Exolon® AR5
- Exolon® AR FO



Geometry	Type	Sheet Thickness A	Rib-distance B	Ug-value (vertical) (EN-ISO-10077-2) (W/m²K)	Light transmission TD65 (%)	
					clear 1099	white 1146
	Exolon Multi UV 2/4-8	4	8	4	84	77
	Exolon Multi UV 2/6-8	6	8	3.5	82	77
	Exolon® Multi UV 2/8-10,5	8	10.5	3.3	81	78
	Exolon® Multi UV 2/10-10,5	10	10.5	3	80	70
	Exolon® Multi UV 2/16-30	16	30	2.8	77	57
	Exolon® Multi UV 3/16-20	16	20	2.2	74	62
	Exolon® Multi UV 4/10-6	10	6	2.5	68	61
	Exolon® Multi UV 7/16-14	16	14	1.8	55	45
	Exolon® Multi UV 7/20-14	20	14	1.5	55	44
	Exolon® Multi UV 7/25-14	25	14	1.4	54	42
	Exolon® Multi UV 5X/8-25	8	25	2.8	71	63
	Exolon® Multi UV 5X/10-25	10	25	2.5	68	61
	Exolon® Multi UV 5X/16-25	16	25	2	64	55
	Exolon® Multi UV 5X/20-25	20	25	1.9	60	51
	Exolon® Multi UV HX/25-32	25	32	1.3	46	38
	Exolon Multi UV HX/32-32	32	32	1.1	45	36
	Exolon Multi UV HX/40-32	40	32	1	44	34
	Exolon Multi UV HX/50-32	50	32	0.85	46	31



All multiwall sheets are also available as ECOplus grades. Just ask for it.



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EXOLON® MULTI UV 2/4 is a twinwall polycarbonate sheet extruded with a superior UV-protection on the external side. The sheet has a thickness of 4 mm.

PRODUCT DESCRIPTION

Exolon® multi UV 2/4-8

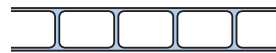
Thickness: 4 mm

Rib distance: 8 mm

Weight: 0.8 kg/m²

Sheets per pallet: up to 6 m: 100 ; 7 m: 90

Light Transmission:	clear	1099:	84%
	white	1146:	77%
	white	1125:	28%
	bronze	1845:	55%



Thickness 4 mm

Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	2100	•	•	•	•	•	•	•	Std	•
white 1146	2100	•	•	•	•	•	•	•	•	•
white 1125	2100	•	•	•	•	•	•	•	•	•
bronze 1845	2100	•	•	•	•	•	•	•	•	•

* **Std** = Standard / **Semi** = Semi Standard / **•** = on request



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EXOLON® MULTI UV 2/6 is a twinwall polycarbonate sheet extruded with a superior UV-protection on the external side. The sheet has a thickness of 6 mm.

PRODUCT DESCRIPTION

Exolon® multi UV 2/6-8

Thickness: 6 mm

Rib distance: 8 mm

Weight: 1.3 kg/m²

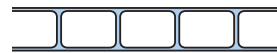
Sheets per pallet: up to 6 m: 70 ; 7 m: 60

Light Transmission:

clear 1099:	82%
white 1146:	76%
white 1125:	26%
blue 1545:	45%
green 1650:	58%

SPECIAL TYPES

Exolon® multi UV 2/6-8 2 side UV



Thickness 6 mm

Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	2100	•	•	Semi	•	•	•	•	Std	Semi
white 1146	2100	•	•	•	•	•	•	•	•	•
white 1125	2100	•	•	•	•	•	•	•	•	•
bronze 1845	2100	•	•	•	•	•	•	•	•	•
clear 2099	2100	•	•	•	•	•	•	•	Std	Semi
white 2146	2100	•	•	•	•	•	•	•	•	•
bronze 2845	2100	•	•	•	•	•	•	•	•	•

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EXOLON® MULTI UV 2/8 is a twinwall polycarbonate sheet with a superior UV-protection on the external side. The sheet has a thickness of 8 mm and a rib-distance of 10,5 mm to maximize the light transmission.

PRODUCT DESCRIPTION

Exolon® multi UV 2/8-10,5			
Thickness:	8 mm		
Rib distance:	10,5 mm		
Weight:	1.5 kg/m ²		
Sheets per pallet:	up to 6 m: 60 ; 7 m: 50		
Light Transmission:	clear 1099:	81%	
	white 1146:	75%	
	blue 1545:	44%	
	green 1650:	57%	

SPECIAL TYPES

Exolon® multi UV 2/8-10.5 2 side UV
Exolon® multi UV 2/8-10.5 IQ-Relax
Exolon® multi UV 2/8-10.5 no-Drop



Thickness 8 mm

Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	2100	•	•	•	•	•	•	•	Std	Semi
white 1146	2100	•	•	•	•	•	•	•	•	•
white 1125	2100	•	•	•	•	•	•	•	•	•
white 1140 IQ-Relax	2100	•	•	•	•	•	•	•	•	•
bronze 1845	2100	•	•	•	•	•	•	•	•	•
clear 2099	2100	•	•	•	•	•	•	Semi	Std	Std
white 2146	2100	•	•	•	•	•	•	•	•	•
bronze 2845	2100	•	•	•	•	•	•	•	•	•

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EXOLON® MULTI UV 2/10 is a twinwall polycarbonate sheet, extruded with a superior UV-protection on the external side. The sheet has a thickness of 10 mm and a rib distance of 10,5 mm to maximize the light transmission.

PRODUCT DESCRIPTION

Exolon® multi UV 2/10-10,5		
Thickness:	10 mm	
Rib distance:	10.5 mm	
Weight:	1.7 kg/m ²	
Sheets per pallet:	up to 6 m: 50 ; 7 m: 45	
Light Transmission:	clear 1099:	80%
	white 1146:	70%
	IQ-Relax :	70%
	white 1125:	19%

SPECIAL TYPES

Exolon® multi UV 2/10-10.5 2 side UV
Exolon® multi UV 2/10-10.5 IQ-Relax
Exolon® multi UV 2/10-10.5 ClimateControl
Exolon® multi UV 2/10-10.5 no-Drop



Thickness 10 mm

Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	Std	Std
white 1146	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	Std	Std
white 1125	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	Std	•
white 1140 IQ-Relax	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
bronze 1845	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	Std	Std
clear 2099	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	Std	•	Std	Std	Std
white 2146	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	Std	Std
bronze 2845	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•

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The strong one of the twinwall sheets with a warranty of 20 years on weathering and hail resistance.

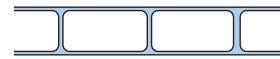
EXOLON® MULTI UV 2/16 is a twinwall sheet, extruded with polycarbonate resin and a superior UV-protection on both sides and an excellent load bearing. The high rib distance allows high light transmission. The sheet has a high hail resistance classification according to Swiss standards. The sheet has a special surface treatment to give a glass-like aspect.

PRODUCT DESCRIPTION

Exolon® multi UV 2/16-30			
Thickness:	16 mm		
Rib distance:	30 mm		
Weight:	3.6 kg / m ²		
Sheets per pallet:	up to 7 m: 30		
Light Transmission:	clear	2099:	77%
	white	2146:	57%
	bronze	2845:	22%
	clear	2070 CC:	70%

SPECIAL TYPES

Exolon® multi UV 2/16-30 2 side UV
Exolon® multi UV 2/16-30 ClimateControl
Exolon® multi UV 2/16-30 no-Drop



Thickness 16 mm



Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 2099	980	•	•	•	•	•	•	Semi	Std	Semi
	1200	•	•	•	•	Semi	•	•	Std	Semi
white 2146	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
bronze 2845	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•



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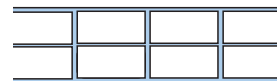
EXOLON® MULTI UV 3/16 is a triplewall sheet, extruded with polycarbonate resin and a superior UV-protection on both sides. Key features of this geometry are a high transparency and a good load bearing.

PRODUCT DESCRIPTION

Exolon® multi UV 3/16-20			
Thickness:	16 mm		
Rib distance:	20 mm		
Weight:	2.6 kg/m ²		
Sheets per pallet:	up to 7 m: 30		
Light Transmission:	clear	2099:	74%
	white	2146:	62%
	bronze	2845:	30%

SPECIAL TYPES

Exolon® multi UV 3/16-20 2 side UV
Exolon® multi UV 3/16-20 no-Drop



Thickness 16 mm

Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 2099	980	•	•	•	•	Semi	•	Semi	Std	Std
	1200	•	•	•	•	•	•	•	Std	Semi
	2100	•	•	•	•	•	•	•	Std	•
clear 2146	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
bronze 2845	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•

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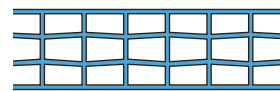
EXOLON® MULTI UV 4/10 is a 4-wall sheet, extruded with polycarbonate resin and a superior UV-protection on the external side. The 4-wall sheet with tunnel structure offers excellent thermal insulation, very good cold bending properties and a very high structural stiffness in combination with a low weight.

PRODUCT DESCRIPTION

Exolon® multi UV 4/10-6			
Thickness:	10 mm		
Rib distance:	6 mm		
Weight:	1.75 kg/m ²		
Sheets per pallet:	up to 6 m: 50 ; 7 m: 45		
Light Transmission:	clear	1099:	68%
	white	1146:	61%
	IQ-Relax	:	52%

SPECIAL TYPES

- Exolon® multi UV 4/10-6 2 side UV
- Exolon® multi UV 4/10-6 IQ-Relax
- Exolon® multi UV 4/10-6 no-Drop



Thickness 10 mm

Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	Std	•	Std	•	Std	Std	Std
white 1146	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	Semi	Std	Std
white 1125	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
white 1140 IQ-Relax	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
bronze 1845	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	Std	•
clear 2099	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
white 2146	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
bronze 2845	1250	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•

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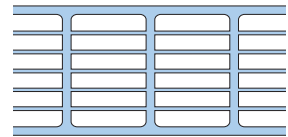
EXOLON® MULTI UV 7/16 is a 7-wall sheet, extruded with polycarbonate resin and a superior UV-protection on the external side. The 7-wall structure offers excellent thermal insulation, very good cold bending properties and a very high structural stiffness in combination with a low weight.

PRODUCT DESCRIPTION

Exolon® multi UV 7/16-14			
Thickness:	16 mm		
Rib distance:	14 mm		
Weight:	2.6 kg / m ²		
Sheets per pallet:	up to 7 m: 30		
Light Transmission:	clear	1099:	55%
	white	1146:	45%
		IQ-Relax :	38%

SPECIAL TYPES

Exolon® multi UV 7/16-14 2 side UV
Exolon® multi UV 7/16-14 IQ-Relax



Thickness 16 mm



Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	Std	Std
white 1146	980	•	•	•	•	•	•	•	•	Std
	1200	•	•	•	•	•	•	•	Semi	Std
	2100	•	•	•	•	•	•	•	Semi	Std
white 1125	980	•	•	•	•	•	•	•	Std	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
white 1140 IQ-Relax	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	Semi	•
	2100	•	•	•	•	•	•	•	Std	Std
bronze 1845	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
clear 2099	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
white 2146	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
bronze 2845	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•

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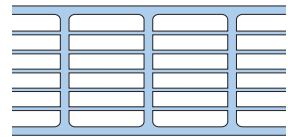
EXOLON® MULTI UV 7/20 is a 7-wall sheet, extruded with polycarbonate resin and a superior UV-protection on the external side. The 7-wall structure offers excellent thermal insulation, very good cold bending properties and a very high structural stiffness in combination with a low weight.

PRODUCT DESCRIPTION

Exolon® multi UV 7/20-14			
Thickness:	20 mm		
Rib distance:	14 mm		
Weight:	2.85 kg/m ²		
Sheets per pallet:	up to 7 m: 25		
Light Transmission:	clear	1099:	55%
	white	1146:	44%
	IQ-Relax	:	38%

SPECIAL TYPES

- Exolon® multi UV 7/20-14 2 side UV
- Exolon® multi UV 7/20-14 IQ-Relax



Thickness 20 mm



Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	Std	•
white 1146	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	Semi	•
white 1125	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
white 1140 IQ-Relax	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
bronze 1845	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
clear 2099	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
white 2146	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
bronze 2845	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•

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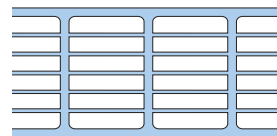
EXOLON® MULTI UV 7/25 is a 7-wall sheet, extruded with polycarbonate resin and a superior UV-protection on the external side. The 7-wall structure offers excellent thermal insulation, very good cold bending properties and a very high structural stiffness in combination with a low weight.

PRODUCT DESCRIPTION

Exolon® multi UV 7/25-14			
Thickness:	25 mm		
Rib distance:	14 mm		
Weight:	3.3 kg / m ²		
Sheets per pallet:	up to 7 m: 20		
Light Transmission:	clear	1099:	53%
	white	1146:	42%
	IQ-Relax	:	36%

SPECIAL TYPES

Exolon® multi UV 7/25-14 2 side UV
Exolon® multi UV 7/25-14 IQ-Relax



Thickness 25 mm



Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	2100	•	•	•	•	•	•	•	•	•
white 1146	2100	•	•	•	•	•	•	•	•	•
white 1125	2100	•	•	•	•	•	•	•	•	•
white 1140 IQ-Relax	2100	•	•	•	•	•	•	•	•	•
bronze 1845	2100	•	•	•	•	•	•	•	•	•
clear 2099	2100	•	•	•	•	•	•	•	•	•
white 2146	2100	•	•	•	•	•	•	•	•	•
bronze 2845	2100	•	•	•	•	•	•	•	•	•

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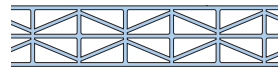


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EXOLON® MULTI UV 5X/8-25 is a 5-wall polycarbonate sheet of 8 mm thickness, with an X-structure for enhanced stiffness. It combines high light transmission, good load bearing properties, good thermal insulation.

PRODUCT DESCRIPTION

Exolon® multi UV 5X/8-25			
Thickness:	8 mm		
Rib distance:	25 mm		
Weight:	1.4 kg / m ²		
Sheets per pallet:	up to 6 m: 60 ; 7 m: 50		
Light Transmission:	clear	1099:	71%
	white	1146:	63%



Thickness 8 mm

Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	2100	•	•	•	•	•	•	•	•	•
white 1146	2100	•	•	•	•	•	•	•	•	•

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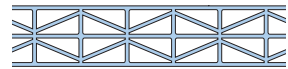
EXOLON® MULTI UV 5X/10-25 is a 5-wall polycarbonate sheet of 10 mm thickness, with an X-structure for enhanced stiffness. It combines high light transmission, good load bearing properties, good thermal insulation.

PRODUCT DESCRIPTION

Exolon® multi UV 5X/10-25			
Thickness:	10 mm		
Rib distance:	25 mm		
Weight:	1.5 kg / m ²		
Sheets per pallet:	up to 7 m: 50		
Light Transmission:	clear	1099:	68%
	white	1146:	61%

SPECIAL TYPES

Exolon Multi UV 5X/10-25 Extra Strong



Thickness 10 mm

Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	2100	•	•	•	•	•	•	•	•	•
white 1146	2100	•	•	•	•	•	•	•	•	•

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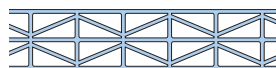
EXOLON® MULTI UV 5X/16-25 is a 5-wall polycarbonate sheet of 16 mm thickness, with an X-structure for enhanced stiffness. It combines high light transmission, good load bearing properties, good thermal insulation, and excellent weather resistance. The sheet is lightweight, impact resistant and easy to install.

PRODUCT DESCRIPTION

Exolon® multi UV 5X/16-25			
Thickness:	16 mm		
Rib distance:	25 mm		
Weight:	2.4 kg / m ²		
	BF:	2.25 kg / m ²	
	ES:	2.7 kg / m ²	
Sheets per pallet: up to 7 m: 30			
Light Transmission:	clear 1099:	64%	
	white 1146:	55%	
	IQ-Relax :	47%	
	Bronze 1845 :	27%	

SPECIAL TYPES

- Exolon® multi UV 5X/16-25 2 side UV
- Exolon® multi UV 5X/16-25 IQ-Relax
- Exolon® multi UV 5X/16-25 ClimateControl
- Exolon® multi UV 5X/16-25 no-Drop
- Exolon® multi UV 5X/16-25 Butterfly (BF)
- Exolon® multi UV 5X/16-25 Extra Strong (ES)
- Exolon® multi UV 5X/16-25 ECOplus8



Thickness 16 mm

Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	980	•	•	Std	Semi	Std	•	•	Semi	Semi
	1200	•	•	•	•	•	•	•	Semi	Semi
	2100	•	•	•	•	•	•	•	Std	Std
BF clear 1099	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
white 1146	980	•	•	Std	Std	Std	Semi	Std	Std	Std
	1200	•	•	•	•	•	•	•	Semi	Semi
	2100	•	•	•	•	•	•	•	Std	Semi
white 1125	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
white 1140 IQ-Relax	980	Semi	•	•	•	Semi	•	•	Semi	Semi
	1200	•	•	•	Semi	Semi	Semi	Semi	Semi	Semi
	2100	•	•	•	•	•	•	•	Semi	Semi
bronze 1845	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	Std	•
clear 2099	980	•	•	•	•	•	•	•	Semi	Std
	1200	•	•	•	•	•	•	•	Std	Std
	2100	•	•	•	•	•	•	•	Std	Std
white 2146	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	Std	Std
	2100	•	•	•	•	•	•	•	Std	Std

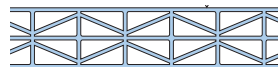


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EXOLON® MULTI UV 5X/20-25 is a 5-wall polycarbonate sheet of 20 mm thickness, with an X-structure for enhanced stiffness. It combines high light transmission, good load bearing properties, good thermal insulation.

PRODUCT DESCRIPTION

Exolon® multi UV 5X/20-25			
Thickness:	20 mm		
Rib distance:	25 mm		
Weight:	2.8 kg / m ²		
Sheets per pallet:	up to 7 m: 25		
Light Transmission:	clear	1099:	60%
	white	1146:	51%



Thickness 20 mm

Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
white 1146	1200	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•



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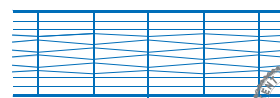
EXOLON® MULTI UV HX/25-32 is a polycarbonate sheet of 25 mm thickness, with a Hybrid-X-structure. The innovative patent pending structure is designed to maximize: thermal insulation, light transmission and mechanical performances.

PRODUCT DESCRIPTION

Exolon® multi UV HX/25-32			
Thickness:	25 mm		
Rib distance:	32 mm		
Weight:	3.3 kg / m ²		
Sheets per pallet:	up to 7 m: 20		
Light Transmission:	clear	1099:	49%
	white	1146:	42%
	IQ-Relax	:	35%

SPECIAL TYPES

- Exolon® multi UV HX/25-32 2 side UV
- Exolon® multi UV HX/25-32 IQ-Relax
- Exolon® multi UV HX/25-32 ECOplus8



Thickness 25 mm



Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	980	•	•	•	•	Semi	•	Semi	Std	Std
	1200	•	•	•	•	•	•	•	•	Std
	1230	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	Std	Semi
white 1146	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	Semi	Semi
	1230	•	•	•	•	•	•	•	•	•
white 1125	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
white 1140 IQ-Relax	980	•	•	•	•	•	•	•	Semi	Semi
	1200	•	•	•	•	Semi	•	Semi	Semi	Semi
	1230	•	•	•	•	•	•	•	•	•
clear 2099	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
white 2146	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
white 2146	1230	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•

* Std = Standard / Semi = Semi Standard / • = on request



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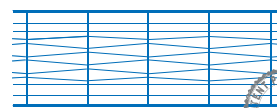
EXOLON® MULTI UV HX/32-32 is a polycarbonate sheet of 32 mm thickness, with a Hybrid-X-structure. The innovative patent pending structure is designed to maximize: thermal insulation, light transmission and mechanical performances.

PRODUCT DESCRIPTION

Exolon® multi UV HX/32-32			
Thickness:	32 mm		
Rib distance:	32 mm		
Weight:	3.6 kg / m ²		
Sheets per pallet:	up to 7 m: 15		
Light Transmission:	clear	1099:	49%
	white	1146:	40%
	IQ-Relax	:	32%

SPECIAL TYPES

- Exolon® multi UV HX/32-32 2 side UV
- Exolon® multi UV HX/32-32 IQ-Relax
- Exolon® multi UV HX/32-32 Reflex Silver
- Exolon® multi UV HX/32-32 ECOplus8



Thickness 32 mm



Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	980	•	•	•	•	•	•	•	Semi	Std
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	Std	Std
	2100	•	•	•	•	•	•	•	Std	Semi
white 1146	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	Semi	Semi
	2100	•	•	•	•	•	•	•	•	•
white 1125	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
white 1140 IQ-Relax	980	•	•	•	•	•	•	•	Semi	Std
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	Semi	•	•	Semi	Std
	2100	•	•	•	•	•	•	•	•	•
clear 2099	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
white 2146	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•

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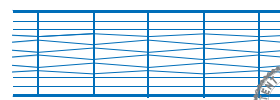
EXOLON® MULTI UV HX/40 -32 is a polycarbonate sheet of 40 mm thickness, with a Hybrid-X-structure. The innovative patent pending structure is designed to maximize: thermal insulation, light transmission and mechanical performances.

PRODUCT DESCRIPTION

Exolon® multi UV HX/40-32			
Thickness:	40 mm		
Rib distance:	32 mm		
Weight:	4.1 kg / m ²		
Sheets per pallet:	up to 7 m: 12		
Light Transmission:	clear	1099:	48%
	white	1146:	37%
	IQ-Relax	:	29%

SPECIAL TYPES

- Exolon® multi UV HX/40-32 2 side UV
- Exolon® multi UV HX/40-32 IQ-Relax
- Exolon® multi UV HX/40-32 ECOplus8



Thickness 40 mm



Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
white 1146	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
white 1125	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
white 1140 IQ-Relax	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
clear 2099	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•
white 2146	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
	2100	•	•	•	•	•	•	•	•	•

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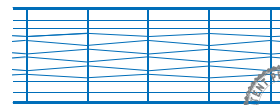
EXOLON® MULTI UV HX/50-32 is a polycarbonate sheet of 50 mm thickness, with a Hybrid-X-structure. The innovative patent pending structure is designed to maximize: thermal insulation, light transmission and mechanical performances.

PRODUCT DESCRIPTION

Exolon® multi UV HX/50-32			
Thickness:	50 mm		
Rib distance:	32 mm		
Weight:	4.5 kg / m ²		
Sheets per pallet:	up to 7 m: 10		
Light Transmission:	clear	1099:	46%
	white	1146:	31%
	IQ-Relax	:	24%

SPECIAL TYPES

- Exolon® multi UV HX/50-32 2 side UV
- Exolon® multi UV HX/50-32 IQ-Relax
- Exolon® multi UV HX/50-32 Reflex Silver
- Exolon® multi UV HX/50-32 ECOplus8



Thickness 50 mm



Type/Colour	Width (mm)	Lenght (mm)								
		2000	2500	3000	3500	4000	4500	5000	6000	7000
clear 1099	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
white 1146	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
white 1125	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
white 1140 IQ-Relax	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
clear 2099	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•
white 2146	980	•	•	•	•	•	•	•	•	•
	1200	•	•	•	•	•	•	•	•	•
	1230	•	•	•	•	•	•	•	•	•

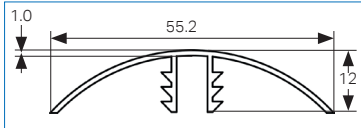
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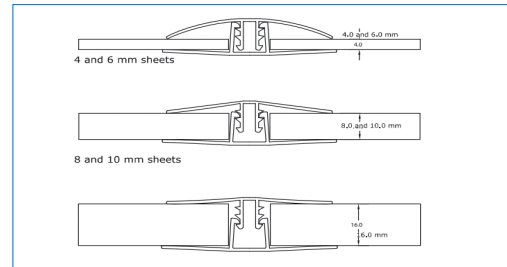
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POLYCARBONATE PROFILE H-MULTI SIZE

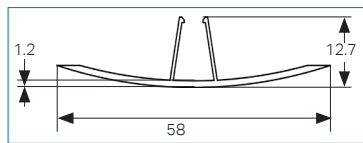
Top Side - Free Shape



Assembled Shape

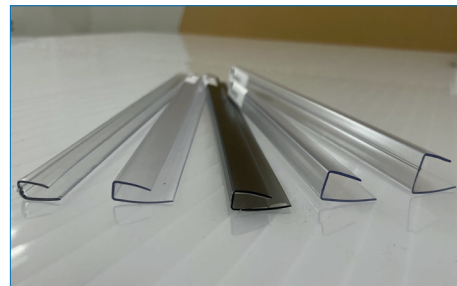
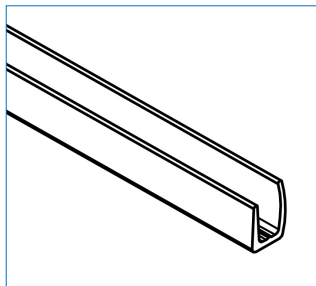
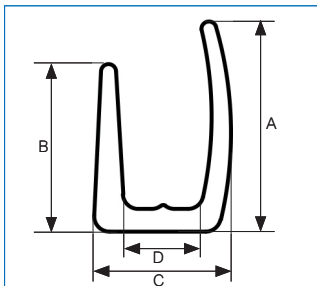


Bottom Side Free Shape



Profile	Length (m)	Packaging (pc/ unit)	MOQ (pieces)	MOQ (m)
H-Multisize 4-16 mm	6	20	200	1200

POLYCARBONATE PROFILES U-TYPE



Measures in mm	U4	U6	U8	U10	U16	U20	U25	U32	U40
A	14	15	16	16	21	26	25	33	32
B	11	12	13,5	13,5	15	22	18	27	27
C	7	8,5	11	13	20	25,5	30	36	43
D	5	6,5	9	10,5	17	22	27	33	41

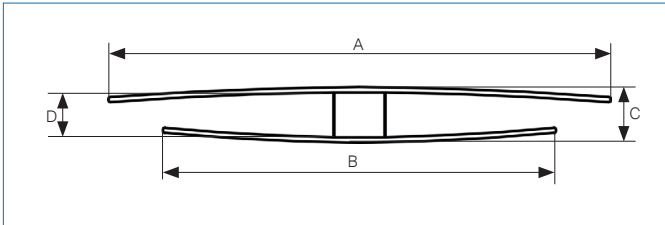
Profile	Length m	Packaging (pc/ unit)	MOQ (pieces)	MOQ (m)
U4	2.1	50	50	105
U6	2.1	50	50	105
U8	2.1	50	50	105
U10	2.1	50	50	105
U16	2.1	50	50	105
U20	2.1	50	50	105
U25	2.1	50	50	105
U32	2.1	50	50	105
U40	2.1	20	20	42

Tolerances: A&B: +/- 3mm - thickness (mm)
C&D: +/- 0,5mm
UV Protection: on side A, B and C



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POLYCARBONATE PROFILES H-TYPE



Measures in mm	H4	H6	H8	H10	H16	H20	H25	H32	H40
A	55	63	67	72	97	118	113	126	127
B	44	51	49	57	75	80	92	112	110
C	7.5	9.7	11.2	13	20	27	30	37	46
D	4.8	6.9	8.5	11	17	20	27,5	33	41

Tolerances: A&B: +/- 3mm - thickness (mm)
 C&D: +/- 0,5mm
UV Protection: on side A, B and C

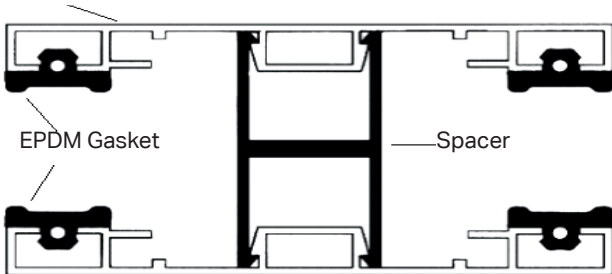
Profile	Length m	Packaging (pc/ unit)	MOQ (pieces)	MOQ (m)
H4	6	20	20	120
H6	6	20	20	120
H8	6	20	20	120
H10	6	20	20	120
H16	6	10	10	60
H20	6	10	10	60
H25	6	7	7	42
H32	6	5	5	30
H40	6	5	5	30



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MODULAR ALUMINUM H SHAPED JUNCTION SYSTEM

Modular H shaped aluminium profile



H SHAPED ALUMINIUM PROFILE 

Length (m)	Packaging (pc./unit)	MOQ (pieces)	MOQ (m)
6	360	360	2160



Length (m)	Packaging (pc./unit)	MOQ (pieces)	MOQ (m)
200	2	2	400



Width (m)	Packaging (pc./unit)	MOQ (pieces)	MOQ (m)
6	100	100	-
10	100	100	-
16	100	100	-
25	100	100	-



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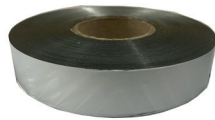
POLYAMIDE BUTTONS (INCLUDING GASKETS)

Width (mm)	Packaging (pc./unit)	MOQ (pieces)
6	500	500
10	500	500
16	500	500



TAPES

Aluminum - Polyethylene



Tape	Thick. (m)	Packaging (pc./unit)	MOQ (pieces)	MOQ (m)
38mm	38	8 x 300m	8	2400
50mm	50	6 x 300m	6	1800
60mm	60	8 x 300m	8	2400

TAPES

Antidust Sealing



Antidust Breather



Tape	Thick. (m)	Packaging (pc./unit)	MOQ (pieces)	MOQ (m)
Seal 25	25	24 x 133m	24	3192
Seal 38	38	16 x 133m	16	2128
Seal 50	50	12 x 133m	12	1596
Seal 60	60	10 x 133m	10	1330
Breath 25	25	24 x 100m	24	2400
Breath 38	38	16 x 100m	16	1600
Breath 50	50	12 x 100m	12	1200
Breath 60	60	10 x 100m	10	1000

Best practice: one edge with Antidust Sealing and the other edge with Antidust Breather



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EXOLON® GP is a mono-layer polycarbonate sheet, with good transparency, extreme impact resistance, high temperature resistance and good fire behaviour.

PRODUCT DESCRIPTION

Exolon® GP			
Density:	1.20 g/cm³		
Light Transmission: (at 3 mm)	clear 099:	88%	
	white 130 :	30%	
	white 150 :	50%	
Special grades:	NR :	non-reflective	
	FR :	flame-retardant	
	FG :	food grade	

STANDARD & SEMI-STANDARD RANGE*

Type/Colour	Size (mm)	Unit	0,75	1	1,5	2	3	4	5	6	8	10	12	15	20
GP clear 099	2,050 x 1,250	bulk	400	300	200	150	100	75	60	50	40	30	25	•	
		carton	50	40	30	20	15	10	8	6	5	4	3		
	3,050 x 2,050	bulk		•	•	60	40	30	24	20	15	12	10	8	
		carton		40	30	20	15	10	8	6	5	4	3	3	2
GP white 130	3,050 x 2,050	bulk				60	40	•	•	•	•	•	•		
		carton				20	15	10							
GP white 150	3,050 x 2,050	bulk				60	40	•	•	•	•	•	•		
NR clear 099	3,050 x 2,050	carton		40	•	60	15	•	•						
FR clear 099	3,050 x 2,050	bulk				60	•	•	•	•					
		carton				20	15	10	8	•					
FR DX white 139	3,050 x 2,050	carton			•	•	15	•							

* Std = Standard / 30 = Semi Standard / • = on request

ON REQUEST RANGE

Type/Colour	Available widths (mm)	Available thicknesses (mm)
FG clear 099	1,250 / 2,050	2 - 15
FR UV clear 2099	2,050	2 - 6
FR XT clear 092	2,050	1 - 6
GP ECO clear 099	1,250 / 2,050	1,5 - 6
GP ECOplus clear 099	2,050	0,75 - 15
GP rECO clear 099	1,250 / 2,050	3 - 8



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EXOLON® UV is a mono-layer polycarbonate sheet, with improved UV-protection on both sides. On top of that, it offers good transparency, extreme impact resistance, high temperature resistance and good fire behaviour.

PRODUCT DESCRIPTION

Exolon® UV			
Density:	1.20 g/cm³		
Light Transmission:			
(at 3 mm)	clear	2099:	87%
	white	2130:	30%
	white	2150:	50%
	bronze	2850:	50%
	grey	2760:	60%

STANDARD & SEMI-STANDARD RANGE*

Type/Colour	Size (mm)	Unit	2	3	4	5	6	8	10	12	15
UV clear 2099	3,050 x 2,050	bulk	60	40	30	24	20	15	12	10	8
		carton	20	15	10	8	6	5	4	3	3
UV white 2130	6,110 x 2,050	bulk	30	20	15	12	10	•	•	•	•
		UV white 2150	3,050 x 2,050	bulk	•	40	30	24	•	•	•
UV white 2150	3,050 x 2,050	bulk	60	40	30	24	•	•	•	•	
		carton	•	15	10	8					
UV bronze 2850	6,110 x 2,050	bulk	•	20	15	•	•	•	•	•	
		UV bronze 2850	3,050 x 2,050	bulk	•	40	30	24	20	15	•
UV bronze 2850	3,050 x 2,050	carton	•	15	10	8	6	5			
		UV grey 2760	6,110 x 2,050	bulk	•	20	15	12	•	•	•
UV grey 2760	3,050 x 2,050	bulk	•	40	30	24	20	•	•	•	

* **Std** = Standard / 30 = Semi Standard / • = on request

ON REQUEST RANGE

Type/Colour	Available widths (mm)	Available thicknesses (mm)
UV clear 2099	1,250 / 2,050	1/1.5
UV LF clear 2099	2,050	8
UV ECO clear 2099	1,250 / 2,050	1,5 - 6
UV ECOplus clear 2099	1,250 / 2,050	0.75 - 20
UV rECO clear 2099	2,050	3 - 8



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EXOLON® UV patterned sheet is a mono-layer polycarbonate sheet, with improved UV-protection on both sides and a special pattern on the surface(s). On top of that, it offers good translucency, extreme impact resistance, high temperature resistance and good fire behaviour.

PRODUCT DESCRIPTION

Exolon® UV patterned			
Density:	1.20 g/cm³		
Light Transmission: (at 3 mm)	clear	2099:	86%
	bronze	2850:	50%
	blue	2550:	61%
	green	2650:	77%
Pattern:	RH: raindrop/haircell		

STANDARD & SEMI-STANDARD RANGE*

Type/Colour	Size (mm)	Unit	3	4	5	6
UV clear 2099 RH	3,050 x 2,050	carton	15	10	8	6

* Std = Standard / 30 = Semi Standard / * = on request

ON REQUEST RANGE

Type/Colour	Available widths (mm)	Available thicknesses (mm)
UV clear 099 G	2,050	2 - 6
UV clear 099 C	1,250	2 - 6
UV bronze 2850 RH	2,050	3 - 6
UV blue 2550 RH	2,050	3 - 6
UV green 2650 RH	2,050	3 - 6

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EXOLON® UV ClimateControl are transparent polycarbonate sheets with a protective UV-coating on both sides. The sheets substantially reduce high temperatures caused by sunlight as they block out the majority of infrared light.

PRODUCT DESCRIPTION

Exolon® UV CC			
Density:	1.20 g/cm³		
Light Transmission: (at 3 mm)	green 2655:	55%	
	clear 2080:	80%	



ON REQUEST RANGE

Type/Colour	Available widths (mm)	Available thicknesses (mm)
UV CC green 2655	1,250 / 2,050	2 - 12
UV CC clear 2080	1,250 / 2,050	2 - 12

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EXOLON® AR is a mono-layer polycarbonate sheet with improved scratch resistance on both sides. On top of that, it offers improved chemical resistance and weathering resistance, next to good transparency, extreme impact resistance, high temperature resistance and good fire behaviour.

PRODUCT DESCRIPTION

Exolon® AR			
Density:	1.20 g / cm³		
Light Transmission:			
(at 3 mm)	clear 8099:	88%	
	bronze 8850:	50%	



STANDARD & SEMI-STANDARD RANGE*

Type/Colour	Size (mm)	Unit	1,5	2	3	4	5	6	8	10	12	15
AR clear 8099	3,000 x 2,000	carton	•	20	15	10	8	6	5	4	3	3
AR bronze 8850	3,000 x 2,000	carton			•	•	•	6	5	4	•	
AR clear 7099	3,000 x 2,000	carton	•	20	15	10	•	•	•	•	•	
AR5 clear W099	3,000 x 2,000	carton		20	15	10	8	6	5			

* Std = Standard / 30 = Semi Standard / • = on request

ON REQUEST RANGE

Type/Colour	Available widths (mm)	Available thicknesses (mm)
AR FO clear W099	2,000	2 - 12
AR FO clear V099	2,000	2 - 12
AR 5 clear V099	2,000	2 - 8

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Solid **EXOLON® Titan** sheets are clear, polished polycarbonate sheets. They offer extreme impact strength that exceeds the physical properties of other products of their class. Typical applications for Exolon® Titan sheets include machine guards: C3 Classification according to DIN EN ISO 23125 (International harmonization of DIN EN 12415).

PRODUCT DESCRIPTION

Exolon® Titan			
Density:	1.20 g/cm³		
Light Transmission: (at 20 mm)	clear	099:	76%



STANDARD & SEMI-STANDARD RANGE*

Type/Colour	Size (mm)	Unit	20
clear 099	3,050 x 2,050	carton	2

* **Std** = Standard / **30** = Semi Standard / ***** = on request

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EXOLON® Vista has an improved optical quality, with minimal inclusions and high surface quality, backed up by an online inspection system. Exolon® Vista QX90 and QX200 have on top improved diopter values. Exolon® Vista QX7 and QX90 are suitable for applications which will be hard coated afterwards. Exolon® Vista QX10 and QX 200 have a further enhanced surface quality, for high level applications.

PRODUCT DESCRIPTION

Exolon® Vista QX			
Density:	1.20 g / cm ³		
Colour:	clear 099		
Light Transmission: (at 3 mm)	clear	099:	88%



ON REQUEST RANGE

Type/Colour	Available widths (mm)	Available thicknesses (mm)
QX 7 clear 099	2,050	3 - 12
QX 10 clear 099	2,050	3 - 8
QX 90 clear 099	2,050	3 - 12
QX 200 clear 099	2,050	3 - 8

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EXOLON® WS sheets are tinted polycarbonate sheets which comply with requirements for transparent screens in arc welding processes. They protect against the hazardous radiation emitted during arc welding processes and meet the requirements on light transmission, UV-stability and fire resistance specified in EN ISO 25980: 2014.

PRODUCT DESCRIPTION

Exolon® Welding Shield

Density: 1.20 g/cm³



STANDARD & SEMI-STANDARD RANGE*

Type/Colour	Size (mm)	Unit	3	4
WS green 658	1,250 x 2,050	carton	15	•
WS bronze 888	1,250 x 2,050		15	•

* Std = Standard / 30 = Semi Standard / • = on request

ON REQUEST RANGE

Type/Colour	Available widths (mm)	Available thicknesses (mm)
WS red 333	2,050	3 - 4

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RPC Black is a mono-layer polycarbonate sheet, made from 100% recycled polycarbonate resin. It offers extreme impact resistance, high temperature resistance and good fire behaviour.

PRODUCT DESCRIPTION

RPC black 900

Density: 1.20 g/cm³

Colour: black 900 <1% (opaque)

Patterns: G: ripples / smooth

C: fine ripples / smooth

ON REQUEST RANGE

Type/Colour	Available widths (mm)	Available thicknesses (mm)
RPC black 900	max. 2,050	1,5 - 8
RPC black 900 G	max. 2,050	2 - 6
RPC black 900 C	max. 1,250	1 - 8

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EXOLON® DX sheets are polished polycarbonate high-performance diffuser sheets without color shift. Exolon® DX is developed for applications based on LED light sources, which do not emit UV light. It offers a combination of high light transmission and light diffusion as well as an extreme impact strength which exceeds the physical properties of other thermoplastics. **Exolon® UV AdLight** is a diffuser sheet developed for high-end advertising applications; or low cost lighting where a slight compromise on efficiency is acceptable.



PRODUCT DESCRIPTION

Exolon®	DX-NR Cool	DX-NR Bright	DX-NR High	DX-NR TPA	UV AdLight
Density:	1.20 g/cm ³	1.20 g/cm ³	1.20 g/cm ³	1.20 g/cm ³	1.20 g/cm ³
Light Transmission:	64%	74%	84%	76%	58%
Finishing:	NR: one side matt, one side glossy	NR: one side matt, one side glossy	NR: one side matt, one side glossy	NR: one side matt, one side glossy	NR: one side matt, one side glossy with UV protection
Special grade:	FR: flame retardant (UL94-V0, EN 45545) 3 mm, LT: 53%	-	-	-	-
Property	-	-	-	complies with TP _A requirements (UK building specification)	-

STANDARD & SEMI-STANDARD RANGE*

Type/Colour	Size (mm)	Unit	1,5	2	3
DX-NR Cool white 139	2,050 x 1,250	carton	30	•	15
FR-DX Cool white 139	3,050 x 2,050	carton			15
DX-NR Bright white 174	2,050 x 1,250	carton	30	20	15

* Std = Standard / 30 = Semi Standard / • = on request

ON REQUEST RANGE

Type/Colour	Available widths (mm)	Available thicknesses (mm)
DX-NR Cool/Bright/High	1,250 / 2,050	1.5 – 5
DX UV Cool/Bright/High	1,250 / 2,050	1.5 – 5
DX-NR High	1,250 / 2,050	1.5 – 5
DX-NR TP _A	1,250 / 2,050	2
UV AdLight	2,050	2 – 5

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SOLID EXOLON® SX SHARP sheets are clear polycarbonate sheets with a microstructure* optic on one side and gloss surface on the other. It is specifically designed for glare control function in lighting . Exolon® SX Sharp features a combination of high light transmission and light shaping. Due to the mico-lenses it provides effective de-glaring to obtain very low UGR values in lighting applications. Exolon® SX Sharp gives an even light intensity distribution (= low peak intensity). This peak shielding gives a significant improved comfort. When looking into the luminaire, it gives a softer effect and prevents blinding.

PRODUCT DESCRIPTION

Exolon® SX Sharp	
Density:	1.20 g/cm ³
Light transmission T _{D65} :	3 mm thickness clear 099 S: 90%



STANDARD RANGE

Type/Colour	Size (mm)	Unit	3 mm
SX Sharp clear 099 S	3,050 x 1,950	bulk	45

* Std = Standard / 30 = Semi Standard / * = on request

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Solid **EXOLON® MED** are transparent sheets made of polycarbonate which meets ISO 10993/USP Class VI biocompatibility requirements. They offer extreme impact strength that exceeds the physical properties of other products of their class and high-clarity and suitable for medical packaging applications.

PRODUCT DESCRIPTION

Exolon® MED	
Density:	1.20 g/cm³
Colour	clear 099



ON REQUEST RANGE

Type/Colour	Available widths (mm)	Available thicknesses (mm)
clear 099	1,250/ 2,050	0.75 - 8

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INSPRIA® MED sheets are made of Eastman Tritan™ MP100 copolyester and meet the ISO 10993/USP Class VI biocompatibility requirements. They are clear transparent and combine high impact strength with excellent thermoforming properties. Ideal fields of application for Inspria® Med are: dental aligners, rigid medical packaging, containers and trays for medical devices. It can be subjected to several methods of sterilization, including Gamma-radiation and ethylene oxide.

PRODUCT DESCRIPTION

Inspria® MED	
Density:	1.19 g/cm³
Colour:	clear 099



ON REQUEST RANGE

Type/Colour	Available widths (mm)	Available thicknesses (mm)
clear 099	1,250	0.6 - 5

EASTMAN

Inspria® MED is made of Eastman Tritan™ MP100



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VIVAK® is a mono-layer copolyester sheet, which offers nice transparency, high impact resistance, good fire behaviour and excellent thermoforming properties. Vivak® UV has improved UV-protection on both sides.

PRODUCT DESCRIPTION

Vivak®			
Density:	1.27 g/cm ³		
Light Transmission: (at 3 mm)	clear 099:	88%	
	bronze 850:	60%	

Vivak® UV			
Density:	1,27 g/cm ³		
Light Transmission: (at 3 mm)	clear 2099 :	88%	
	white 2130 :	30%	
(at 5 mm)	grey 2760 :	35%	
(at 5 mm)	bronze 2850 :	45%	

STANDARD & SEMI-STANDARD RANGE*

Type/Colour	Size (mm)	Unit	0,6	0,75	1	1,5	2	3	4	5	6	8	10	12	15
clear 099	2,050 x 1,250	bulk	500	400	300	200	150	100	75	60	•	•	•	•	•
		carton	75	50	40	30	20	15	10	8					
	3,050 x 2,050	bulk			120	80	60	40	30	24	20	15	12	10	•
UV clear 2099	3,050 x 2,050	bulk			•	•	•	40	•	•	•	•	•	•	•
UV white 2130	3,050 x 2,050	bulk					•	40	30	•	•	•	•	•	•

* Std = Standard / 30 = Semi Standard / • = on request

ON REQUEST RANGE

Type/Colour	Available widths (mm)	Available thicknesses (mm)
bronze 850	1,250 / 2,050	2 - 12
UV clear 2099	1,250	2 - 12
UV grey 2760	1,250 / 2,050	2 - 12
UV bronze 2850	1,250 / 2,050	2 - 12
GP ECO clear099	1,250 / 2,050	1.5 - 3
rECOplus clear 099	1,250 / 2,050	0.6 - 12



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VIVAK®MED are transparent sheets made of thermoplastic copolyester which meets ISO 10993/USP Class VI biocompatibility requirements. They combine impact strength with excellent thermoforming properties and high clarity. Ideal fields of application for Vivak® Med are: rigid medical packaging, containers and trays for medical devices, skin contact applications like prostheses

PRODUCT DESCRIPTION

Vivak® MED

Density: 1.27 g/cm³

Colour clear 099
blue 059

ON REQUEST RANGE

Type/Colour	Available widths (mm)	Available thicknesses (mm)
MED clear 099	1,250/ 2,050	0.6 - 8
MED blue 059	1,250/ 2,050	0.6 - 8

EASTMAN

Vivak® MED is made of
Eastman Easstar™ 6763

vivak®

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AXPET® is a mono-layer polyester sheet, which offers nice transparency, good impact resistance and excellent fire behaviour. Axpel® UV has an improved UV-protection on both sides.

PRODUCT DESCRIPTION

Axpel®			
Density:	1.33 g/cm ³		
Light Transmission: (at 3 mm)	clear 099:	87%	
	white 130:	28%	
Special grades:	NR: non-reflective		

Axpel® UV			
Density:	1.33 g/cm ³		
Light Transmission: (at 3 mm)	clear 2099:	87%	

STANDARD & SEMI-STANDARD RANGE*

Type/Colour	Size (mm)	Unit	0,8	1	1,5	2	3	4	5
clear 099	2,050 x 1,250	bulk	375	300	200	150	•	•	•
		carton	50	40	30	20	•	•	
	3,050 x 2,050	bulk	150	120	80	60	40	30	24
		carton	50	40	30	20			
NR clear 099	2,050 x 1,250	bulk	375	300	200	150			
		carton	50	40	30	20			
	3,050 x 2,050	bulk		120					
		carton		40					
white 130	2,050 x 1,250	bulk		300	•	•			
		carton		40					
	3,050 x 2,050	bulk		120	80	60			
		carton		40					

* Std = Standard / 30 = Semi Standard / • = on request

ON REQUEST RANGE

Type/Colour	Available widths (mm)	Available thicknesses (mm)
UV clear 2099	1,250 / 2,050	2 - 5
rECOplus	2,050	0.8 - 3



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CHANGES IN DELIVERY PROGRAM SOLID SHEETS

For some products, the status (standard, semi-standard, on request) has changed.

The following products are added:**Coated materials:**

- Exolon® AR5
- Exolon® AR FO

Medical types:

- Exolon® Med
- Vivak® Med®
- Inspria® Med

Sustainable types:

- Exolon® ECO
- Exolon® rECO
- Exolon® ECOplus
- Vivak® ECO
- Vivak® rECOplus
- Axpert® rECOplus

Improved fire behaviour:

- Exolon® UV LF
- Exolon® FR XT

The following products have been taken out of range:

- Exolon® RX

CHANGES IN DELIVERY PROGRAM EXOLON® MULTI UV

For some products, the status (standard, semi-standard, on request) has changed.

NOTE ON PRODUCT INFORMATION: TECHNICAL DATA SHEETS, BROCHURES ETC.

Our documentation is revised regularly and made available on our website: www.exolongroup.com

Simply go to our website to access the latest versions of our technical data sheets, warranties,

exolon® **vivak®** **axpert®** **inspria®**

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