

DYNA PROFIL®

POLYETHYLENE FOAM FLEXIBLE
PACKAGING PRODUCTS

www.dynaprofil.com



CFC-HCFC
FREE

RoHS



100% RECYCLING
NEVER CONTENTS HEAVY
METALS SUCH AS ASBESTOS,
LEAD, MERCURY ETC.

Yalıtımda
dinamik®
Çözüm

DYNA PROFIL®

AS THE FIRST CHOICE IN ANYWHERE

GLASS AND GLASSWARE PRODUCTS

AUTOMOTIVE SPARE PARTS

FURNITURE AND ACCESSORIES

CERAMIC AND PORCELAIN PRODUCTS

ELECTRICAL AND ELECTRONIC PRODUCTS

**BUILDING EQUIPMENT AND PRODUCTS SUCH AS BATH TUBE,
SINK,RADIATOR ETC. PRODUCTS**

**USED IN THE FIELDS OF SPORT, GAME, SWIMMING POOL AND SEA
DOOR AND WINDOW SYSTEMS MADE OF ALUMINUM AND STEEL**

FLORISTS AND DECORATION WORKS

**SHOE MAKERS AND BAG MANUFACTURERS
UNDERNEATH PARQUET INSULATION WORKS**

PROMOTIONAL WORKS

TRANSPORTATION SECTOR

FOODSTUFFS

DEFENSE INDUSTRY

MEDICAL PRODUCTS



CORRECT CHOICE IN PRODUCT SAFETY

Dyna Profile Polyethylene Foam Packaging materials are made of low density polyethylene (LDPE) conforming to the form of closed cell.

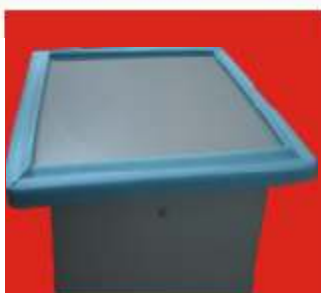
Dyna Profiles, which are manufactured in various form, shape and sizes, do not content anti-ozone gasses and CFC and HCFC. Moreover, these products can be used safely in many areas depending on recycling specifications.

The product is manufactured according to EU Directive 2002 /95/EC on the prohibition of the harmful substances to the human health thus it does not content 6 prohibited heavy metals to be used in products in scope of RoHS i.e. Lead, Cadmium, Mercury, Hexavalent Chromium, PBB and PBDE. Dyna Profile that is completely environmental friendly is a safe and reliable packaging material to be used in any area.

Thanks to the flexible structure of Dyna profile as one of the most popular packaging products recently, it offers an easy application advantage for anyone. So your products that may have the possibility to be damaged during the transport and storage stages can be safely protected against any harmful outer effect. Depending on its perfect and unique specifications, Dyna profile offers a cost effective advantage more than the other similar type of protective materials in the market.

ADVANTAGES

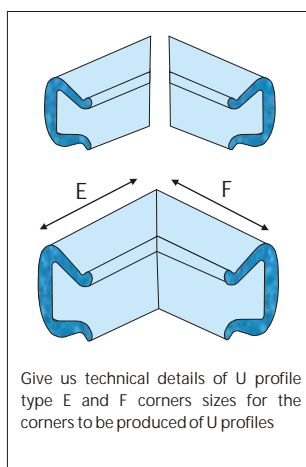
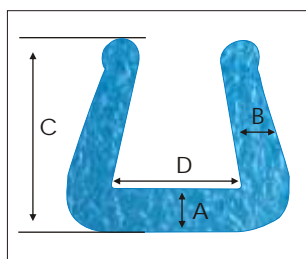
- 100% low density polyethylene material and recycling specification;
- Easy application due to an excellent flexibility
- Practical application thus saving on time and workmanship costs;
- A unique adaptability with packaging products such as folio stretch, box etc
- Maximum environmental protection
- Film lamination specification such as craft paper, PVC, PE upon request;
- Light material feature
- Reusable feature
- Easy shaping feature
- Maximum resistance against water permeability due to closed cell structure
- Absorption capability of mechanic strokes due to foam form
- Producible in any color
- Aesthetic appearance
- Limitless application field



PARTICULARLY USING AREAS :

Furniture, door and windows, illumination products, white goods, mirror and glass, office furniture, bathroom furniture and accessories, art works, cooling & heating equipment

U Profile



Give us technical details of U profile type E and F corners sizes for the corners to be produced of U profiles

Type	A	B	C	D	Package
55/10/15	10	10	55	15	300 m
55/10/20	10	10	55	20	300 m
55/10/30	10	10	55	30	300 m
55/10/40	10	10	55	40	150 m
55/10/50	10	10	55	50	150 m
85/20/50	23	20	85	50	64 m
77/16/50	23	16	77	50	120 m
60/17/42	24	17	60	42	120 m
65/11/41	17	11	65	41	150 m
97/20/50	20	20	97	50	32 m
120/20/138	20	20	120	138	60 m
110/20/142	20	20	110	142	20 m
90/20/182	20	20	96	182	20 m
55/7/80	7	7	585	80	150 m
100/27/115	27	27	100	115	50 m
105/20/160	20	20	105	160	40 m
75/16/100	16	16	75	100	75 m

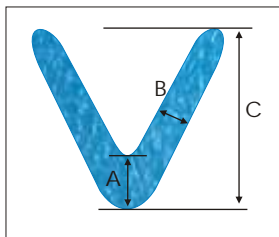
Standard length of profiles is 2 m and color is blue. Please contact us for different size and color and other spec.



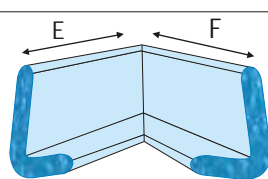
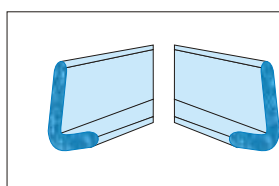
PARTICULARLY USING AREAS

Electronic goods, white goods, furniture, box interior package, promotional materials, electrical household goods

V Profile

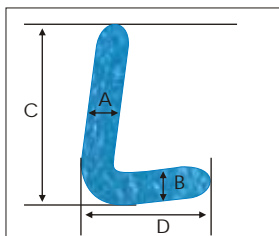


Type	A	B	C	Package
55/7	11	7	55	300 m
75/16	18	16	75	150 m
77/20	20	20	77	100 m
105/20	18	20	105	80 m
100/27	25	27	100	100 m



For the corners to be made of V or L profiles, let us know V or L profile type and E&F sizes of corners

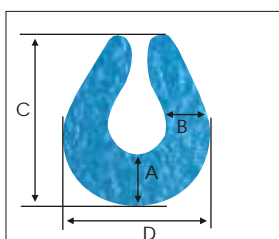
L Profile



Type	A	B	C	D	Package
60/30	9	8	60	30	600 m
50/30	9	8	50	30	200 m
110/90	20	20	110	90	200 m

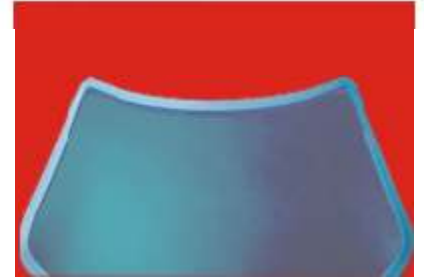
Standard length of profiles is 2 m and color is blue.
Please contact us for different size and color and other spec

C Profile



Type	A	B	C	D	Package
75/17	19	18	75	62	120 m

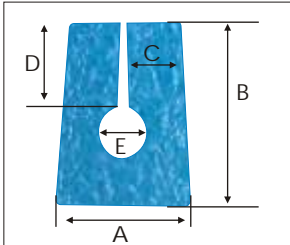
Standard length of profiles is 2 m and color is blue.
Please contact us for different size and color and other spec



PARTICULARLY USING AREAS

Glassware products, automotive spare parts, office furniture and accessories, bicycle

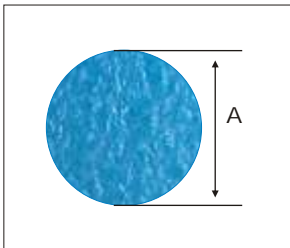
Glass Profile



Type	A	B	C	D	E	Package
34/11	25	34	11	16	6	90 m

The length of standard profiles is 90 m and the color is blue. Please contact us for different color, size and spec

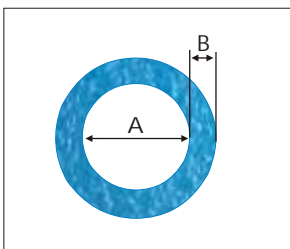
Filling Profile



A	10	15	20	25	30	35	40	50	60	65
Package	750 m	500 m	250 m	200 m	120 m	100 m	90 m	60 m	50 m	30 m

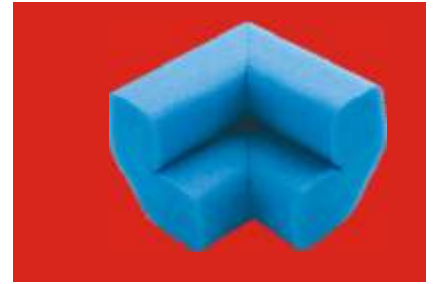
The color of standard filling profiles is gray and packaged in bundles The filling profiles of 65 mm are produced in pink, green, yellow and blue colors with the length of 1.5 m as standard. Please contact us for different color, size and spec.

O Profile



A	10	12	15	18	22	25	28	35	42	48	60	76	89	114
B	3	6	10	15	20	25								

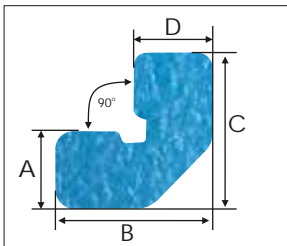
The color of standard O profiles produced in form of pipe is gray with the length of 2 m. The products in range of B size with 10 mm and A size with 22-114 m are kept in stock as standard. Please contact us for different color, size and spec.



PARTICULARLY USING AREAS :

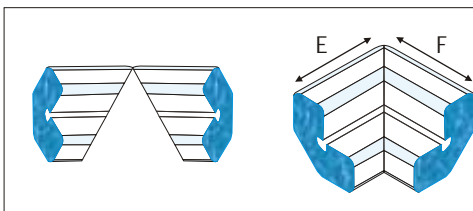
Furniture, box interior package, sink, bathtub etc, bathroom furniture and equipment, white goods, automotive.

W Profile



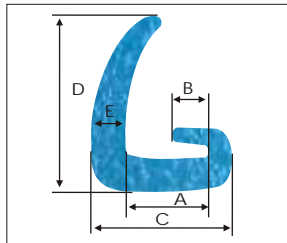
Type	A	B	C	D	Package
52/20	20	52	52	20	90 m
40/85	40	85	85	40	90 m

The length of standard profile is 2 m and the color is blue.
Please Contact us for different size and color other spec.



Please let us know the profile type for the corners to be made of W profile and E-F size

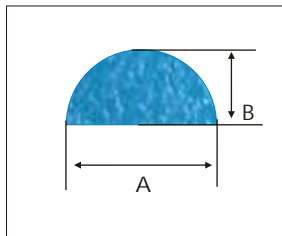
G Profile



Type	A	B	C	D	E	Package
82/18	34	15	57	74	15	150 m

The length of standard profile is 2 m and the color is blue.
Please contact us for different size and color and other spec

D Profile



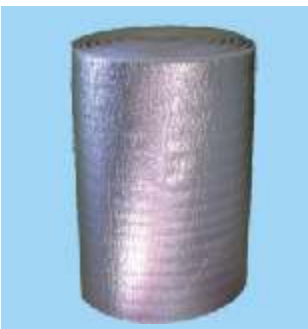
A	30	35	40	50	60	65
B	15	17	20	25	30	32
Package	240 m	200 m	180 m	120 m	100 m	60 m

The length of standard profile is 2 m and the color is blue.
Please contact us for different size and color and other spec

BLANKET PLATE BAG

The polyethylene foam plates are produced within the range of 1 mm to 100 mm in standard colors i.e. grey and white. Upon specific demands of our customers, any color is available to produce. The width of blankets can vary between 1 cm and 200 cm however the lengths are produced maximum in length of 300 m. Dyna Profile polyethylene foam plates are produced in one layer up to thickness of 10 mm and multi-layers between the thickness of 10 and 100 mm.

Except standard productions, various kinds of products can also be produced such as coated with aluminum folio, fabric coated, colored, colorless, figured, film coated and self-adhesive. Polyethylene foam plates which can be used at a limitless area in each sector are generally usable in packaging of sensitive materials with breaking risk such as porcelain, ceramic and glassware products; box interior packaging, electronic goods packaging, foodstuffs packaging and in many fields.



Underneath
parquet insulation



Car accessories



For porcelain plate



Protective bag
for calculator



Protective bag
for mobile phone



Laptop



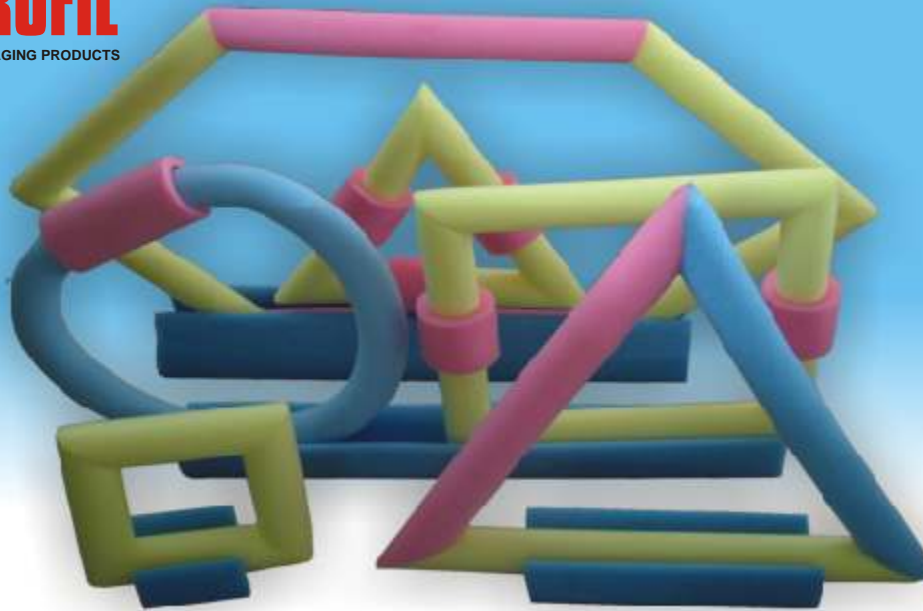
Large Material
Packaging

TAILOR-MADE DESIGNED PACKAGING MATERIALS

The tailor-made designed packaging materials are produced upon specific needs of our customers depending on his product shape/form except our standard packing materials. It gives the product to have the highest safety and an increased image in the market.

Dyna Profile polyethylene foam packaging materials ensures a better protection by using less foam compared to similar packaging materials in the market. Dyna Profile that gives an excellent product safety reduces also the costs of transport and storage. Due to its perfect flexible structure, it returns to its normal shape as soon as any force that has been loaded on removes.



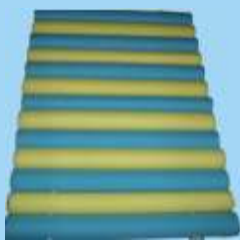


FOAM MATERIALS USED IN SEA, SWIMMING POOL, SPORT & GAMES

Dynaprofil polyethylene foam products are also produced for leisure time activities such as the foam products used in swimming pool, sea, sport and games. Just a few examples are the sea noodles, swimming bars in the gym saloons and the mats used in camping time.



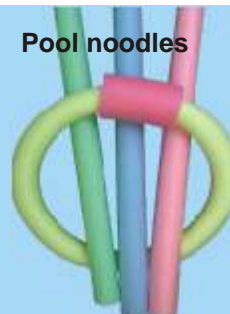
Sea bed



Water gun



Pool noodles



Swimming bar



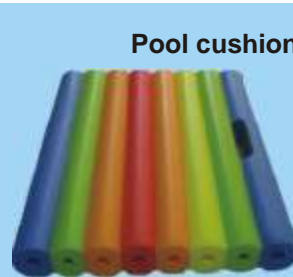
Mat



Sea chairs



Pool cushion



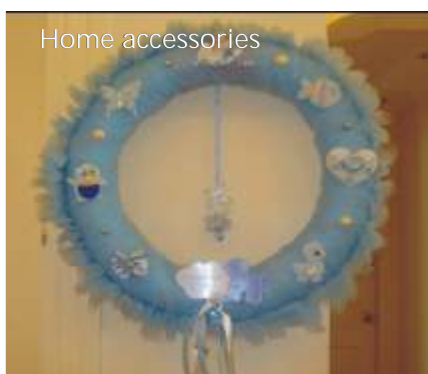
Finger Rocket



PRODUCTS MADE OF POLYETHYLENE FOAM

Dyna Profile polyethylene foam products are not only used as the packaging materials but also used in the production process in many different sectors.

For example; pad of bags, cords on the sides of armchairs, heat protector in the blood carrying bags, decoration material by florists, protector used in the game parks, foams used in life jackets, pad by shoe makers, sun protector used in cars etc.



DYNA PROFIL®

POLYETHYLENE FOAM FLEXIBLE PACKAGING PRODUCTS

TECHNICAL SPECIFICATIONS

Range of temperature	<p>The temperature resistance of Dyna profile closed cell polyethylene foam is given as follows;</p> <p>Profile and pipes : -45°C,+105°C Mat and plates : -80°C,+100°C</p>
Density	<p>Dyna Profile closed cell polyethylene foam is produced at optimum density to preserve the safety of your products.</p> <p>25-40 Kg/m³</p>
Steam diffusion and water absorption	<p>Thanks to closed cell structure, Dyna Profile is resistant against steam diffusion at high levels; $\mu \geq 5000$</p> <p>After 40 days, it has the water absorption value less than 0.5% of its volume.</p>
Cell structure	<p>It has 60- 200 cell/cm² at 1 cm².</p>
Mechanical resistance	<p>It can be shaped easily since it is produced in form of foam. Thanks to its closed cell structure, it absorbs mechanical strokes perfectly thus prevents damage to packed product.</p>
Pressure resistance	<p>0,096 - 0,300 kgf/cm² at pressure by 25 % 0,440 - 0,760 kgf/cm² at pressure by 50 % 1,144 - 1,960 kgf/cm² at pressure by 75 %</p>
Thermal insulation	<p>Depending on its insulation feature at the same time, it prevents the packed product to be affected by the excessive temperatures. $\lambda = 0,040 \text{ W/m}^\circ\text{K}$</p>
Chemical interaction	<p>It is resistant against the chemicals. No toxicity. Hygienic so never lets the bacterium occurrence. No dust, rust, dirt occurs.</p>
External durability	<p>Dyna Profile closed cell polyethylene foam shows maximum resistance against the external conditions. The product characteristics can be changed by the performance regulating additives. (UV resistance, fire antistatic specs. , resistance against tear.</p>
Environmental impact	<p>Dyna profile polyethylene packaging products do not content any heavy metal such as asbestos, lead, mercury etc as well as CFC and HCFC gasses. It is an ozone friendly product.</p>

Dyna Profile has reserved the right to modify the technical specs as above by the purpose of improvements of the product