

# REFRIGERATION



**Thermoplast®**

TECHNICAL PROFILES  
CATALOGUE



# **Thermoplast<sup>®</sup>**

**Permanent Development S.A.**



Since 1989 Thermoplast has been setting trends in the market of plastics in Poland and abroad. Thermoplast is synonymous with innovative solutions and extrusion of profiles out of plastics.



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# WE PERFECTLY UNDERSTAND THE NEEDS OF OUR BUSINESS PARTNERS

## Experience

Thermoplast company was established in Poland in 1989 as a Polish-Swiss registered partnership which specialized in production of plastic profiles for industrial purposes. From that moment on the company has been constantly gaining experience in designing and constructing tools for extrusion of plastics.

Nowadays Thermoplast operates with the highest standards in management and production. As a result, Thermoplast is a recognized and renowned market brand, as well as a valued and trustworthy business partner.

## Extensiveness

Thermoplast is a partner who extensively carries out individual orders from its clients, from the design and construction of tools, through creation of a prototype, to extrusion of the profile and its further processing, as well as just-in-time delivery. Thermoplast's engineers, technicians and technologists work is based on understanding and analysis of our clients' needs, devising and designing optimal solutions for them and attention to every detail which is precisely defined.



# THERMOPLAST PRICE TO QUALITY RATIO IS IDEAL

## Innovation

Thermoplast aims at delivering innovative solutions for the company's business partners.

It carries out orders for profiles of the most atypical shapes and functions for various branches of industry, creating unique profiles which meet their clients' expectations as far as their material, size and functionality requirements.

## Quality

In 1999 Thermoplast achieved ISO 9001:2008 certificate and since then all the production processes have been accordingly certified. Thermoplast's products meet all the criteria of laboratory control, from materials, through ongoing production, to the final product. Modern production lines which operates 24 hours a day, superior quality, consulting and servicing are foundations for the position of Thermoplast in the market.





We present only selected, exemplary Thermoplast technical profiles used in refrigeration equipment.

We specialize in producing of plastics profiles by extrusion method, on individual orders from our clients.

We will create an original and atypical profile for you in accordance to your expectations, or we will suggest a similar one from our offer of standard technical profiles, suitable to your needs. Among our products you will find several hundreds of technical profiles and our offer is constantly growing.

Our profiles can be used in the following fields:

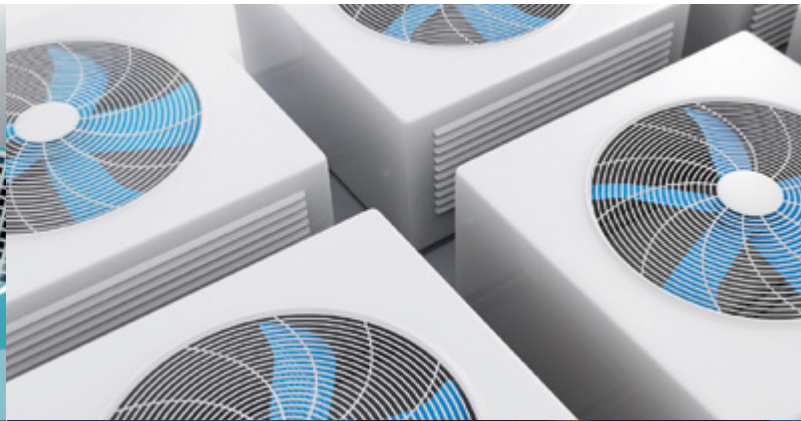
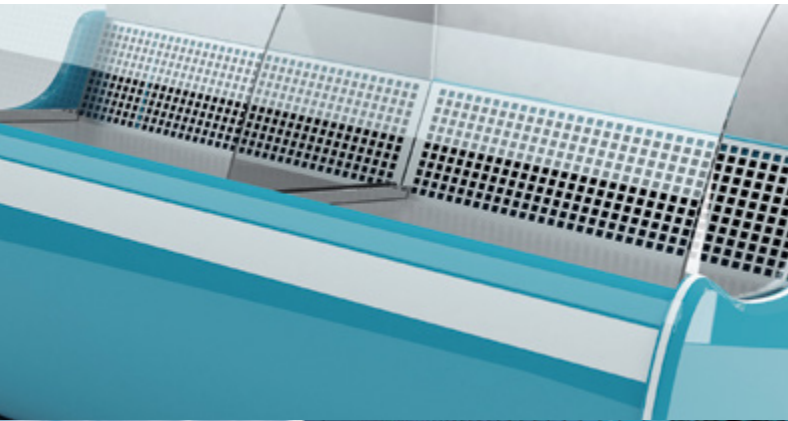
- refrigeration equipment
- air conditioning – ventilation – air purification
- construction and building
- construction of machinery and equipment
- electrical and lighting industry
- sales collateral
- plant and office equipment
- furniture industry

The employment of 23 modern production lines of diverse processing capacities (machines with performance from 5 kg/h to 450 kg/h), application of a wide variety of plastics (PVC, ABS, PP, PC, PMMA, PE, PS, PA, SAN, ASA, thermoplastic elastomers), our own division of tool construction, an R&D division and Quality Control division which operates on the highest standards effect in our clients receiving products which are always of the highest quality.

All our products are in accordance to the EU norms.







### AP 209

#### SLIDING DOOR GUIDE RAIL PROFILE FOR REFRIGERATION EQUIPMENT



Forms a modular system with AP 383 and AP 399 profiles.

|           |                                     |
|-----------|-------------------------------------|
| MATERIAL  | HARD PVC + SOFT PVC (PVC-U + PVC-P) |
| COLOUR    | BLACK                               |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6 M     |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE  |

### AP 399

#### SLIDING DOOR GUIDE RAIL PROFILE FOR REFRIGERATION EQUIPMENT

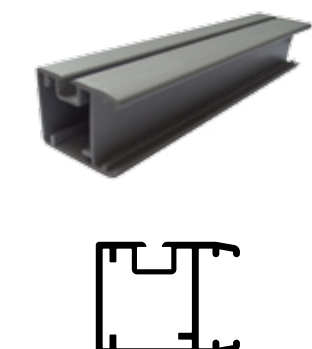


Forms a modular system with AP 383 and AP 209 profiles.

|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | HARD PVC (PVC-U)                   |
| COLOUR    | BLACK                              |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6 M    |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |

### AP 383

#### DOOR LEAF PROFILE FOR REFRIGERATION EQUIPMENT AND SLIDING DOOR



Forms a modular system with AP 399 and AP 209 profiles.

|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | HARD PVC (PVC-U)                   |
| COLOUR    | GREY / BLACK                       |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M     |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |

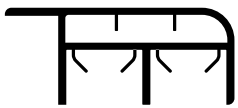


## AP 452

### SLIDING DOOR GUIDE RAIL PROFILE FOR REFRIGERATION EQUIPMENT



Forms a modular system  
with AP 453 profile.



|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | HARD PVC +SOFT PVC (PVC-U + PVC-P) |
| COLOUR    | WHITE / BEIGE / BLACK              |
| LENGTH    | CUTTING TO ODER FROM 2M TO 6M      |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |

## AP 453

### DOOR LEAF PROFILE FOR REFRIGERATION EQUIPMENT AND SLIDING DOOR



Forms a modular system  
with AP 452 profile.



|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | HARD PVC (PVC-U)                   |
| COLOUR    | WHITE / BEIGE / BLACK              |
| LENGTH    | CUTTING TO ODER FROM 2M TO 6M      |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |



### AP 460

#### BUMPER PROFILE FOR REFRIGERATION EQUIPMENT



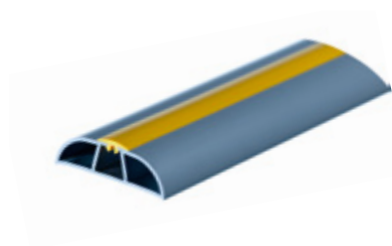
Forms a modular system with AP 234 profile.

|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | HARD PVC (PVC-U)                   |
| COLOUR    | GREY                               |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M     |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |



### AP 234

#### DECORATIVE BUMPER PROFILE FOR REFRIGERATION EQUIPMENT



Forms a modular system with AP 460 profile.

|           |  |
|-----------|--|
| MATERIAL  | SOFT PVC (PVC-P)   |
| COLOUR    | WHITE / BLUE / RED / YELLOW / GREY                                 |
| LENGTH    | 35 [M]   |
| PACKAGING | CARDBOARD BOX 35RM / 40<br>CARDBOARD BOXES (1400 M)<br>EUR-PALETTE |



### AP 287

#### BUMPER PROFILE FOR REFRIGERATION EQUIPMENT



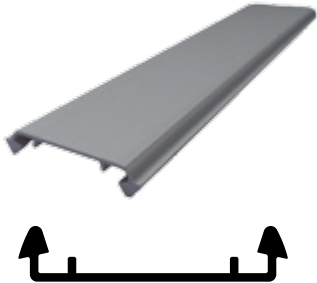
Forms a modular system with AP 288 profile.

|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | SOFT PVC (PVC-P)                   |
| COLOUR    | BLUE / RED / GREY / BLACK          |
| LENGTH    | 20 [M] OR 6 [M]                    |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |



## AP 288

### MOUNTING BUMPER PROFILE FOR REFRIGERATION EQUIPMENT



Forms a modular system  
with AP 287 profile.

|           |  |
|-----------|--|
| MATERIAL  | HARD PVC (PVC-U)   |
| COLOUR    | WHITE  |
| LENGTH    | 20 RM OR 6 [M]   |
| PACKAGING | CARDBOARD 20RB / 800 RM<br>EUR-PALETTE OR 840 PIECES<br>WOODEN PALETTE 0,8M X 0,8M<br>X LENGHT |

## AP 464

### CHILL CABINET BUMPER



|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | HARD PVC (PVC-U)                   |
| COLOUR    | GREY / BLACK                       |
| LENGTH    | CUTTING TO ODER FROM 2M TO 6M      |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |





### AP 208



#### SHEET-METAL CONNECTING PROFILE FOR REFRIGERATION EQUIPMENT

The profile has two

applications:

a) as a mounting profile for  
lighting;

b) as a sheet-metal  
connecting profile for  
refrigeration equipment

Forms a modular system with  
AP 221 and AP 281 profiles.

|           |                                       |
|-----------|---------------------------------------|
| MATERIAL  | HARD PVC (PVC-U)                      |
| COLOUR    | WHITE / GREY                          |
| LENGTH    | CUTTING TO ORDER FROM 2M<br>TO 6M     |
| PACKAGING | RETURNABLE STEEL OR<br>WOODEN PALETTE |

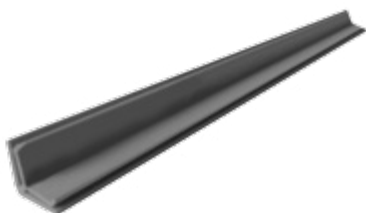
### AP 264



#### SHEET-METAL CONNECTING PROFILE FOR REFRIGERATION EQUIPMENT

|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | HARD PVC (PVC-U)                   |
| COLOUR    | WHITE / GREY / BLACK               |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M     |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |

### AP 392

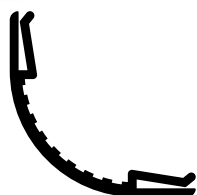


#### SHEET-METAL CONNECTING PROFILE FOR REFRIGERATION EQUIPMENT

|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | HARD PVC (PVC-U)                   |
| COLOUR    | WHITE / GREY / BLACK               |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M     |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |

# AP 394

## SHEET-METAL CONNECTING PROFILE FOR REFRIGERATION EQUIPMENT



|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | HARD PVC (PVC-U)                   |
| COLOUR    | WHITE / GREY / GRAPHITE            |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M     |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |



### AP 208

#### LIGHTING MOUNTING PROFILE



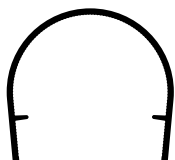
The profile has two applications:  
a) as a mounting profile for lighting;  
b) as a sheet-metal connecting profile for refrigeration equipment

Forms a modular system with AP 221 and AP 281 profiles.

|                  |   |
|------------------|---|
| <b>MATERIAL</b>  | <b>HARD PVC (PVC-U)</b>                   |
| <b>COLOUR</b>    | <b>WHITE / GREY</b>                       |
| <b>LENGTH</b>    | <b>CUTTING TO ORDER FROM 2M TO 6M</b>     |
| <b>PACKAGING</b> | <b>RETURNABLE STEEL OR WOODEN PALETTE</b> |

### AP 221

#### FLUORESCENT TUBE COVER PROFILE

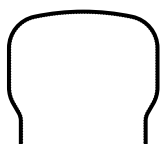
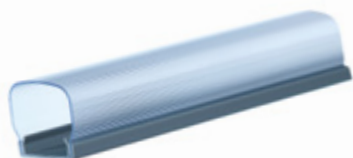


Forms a modular system with AP 208 profile.

|                  |   |
|------------------|---|
| <b>MATERIAL</b>  | <b>POLYMETHYLMETHACRYLATE (PMMA)</b>      |
| <b>COLOUR</b>    | <b>TRANSPARENT</b>                        |
| <b>LENGTH</b>    | <b>CUTTING TO ORDER FROM 2M TO 6M</b>     |
| <b>PACKAGING</b> | <b>RETURNABLE STEEL OR WOODEN PALETTE</b> |

### AP 281

#### FLUORESCENT TUBE COVER PROFILE



Forms a modular system with AP 208 profile.

|                  |   |
|------------------|---|
| <b>MATERIAL</b>  | <b>POLYMETHYLMETHACRYLATE (PMMA)</b>      |
| <b>COLOUR</b>    | <b>TRANSPARENT</b>                        |
| <b>LENGTH</b>    | <b>CUTTING TO ORDER FROM 2M TO 6M</b>     |
| <b>PACKAGING</b> | <b>RETURNABLE STEEL OR WOODEN PALETTE</b> |



# AP 404

## FLUORESCENT TUBE COVER PROFILE

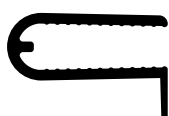


|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | POLYCARBONATE (PC)                 |
| COLOUR    | TRANSPARENT                        |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M     |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |



### AP 254

#### 4MM PANE COVER PROFILE FOR REFRIGERATION EQUIPMENT



|           |                                      |
|-----------|--------------------------------------|
| MATERIAL  | HARD PVC (PVC-U) OR SOFT PVC (PVC-P) |
| COLOUR    | WHITE / GREY / BLACK                 |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M       |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE   |

### AP 255

#### 4MM PANE COVER PROFILE FOR REFRIGERATION EQUIPMENT



|           |   |
|-----------|---|
| MATERIAL  | HARD PVC (PVC-U)  |
| COLOUR    | WHITE / BLACK / GREY  |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M  |
| PACKAGING | 50 PIECES PE FOIL / 42 PACKAGES (2100 PIECES) WOODEN PALETTE 0,8 X 0,8 X LENGTH |



**AP 216****STEEL-SHEET (1MM) COVER PROFILE  
FOR REFRIGERATION EQUIPMENT**

|           |  |
|-----------|--|
| MATERIAL  | SOFT PVC (PVC-P)   |
| COLOUR    | WHITE / GREY   |
| LENGTH    | 50 [M]   |
| PACKAGING | CARDBOARD BOX 50MB / 40 CARDBOARD BOXES (2000 M) EUR-PALETTE |

**AP 387****STEEL-SHEET COVER PROFILE  
FOR REFRIGERATION EQUIPMENT**

|           |  |
|-----------|--|
| MATERIAL  | HARD PVC (PVC-U)                         |
| COLOUR    | GREY / BLACK / WHITE                     |
| LENGTH    | 1,5 / 1,6 / 2 / 2,5 / 2,6 / 3 / 6,05 [M] |
| PACKAGING | 120 OR 300 PIECES PER CARDBOARD BOX      |



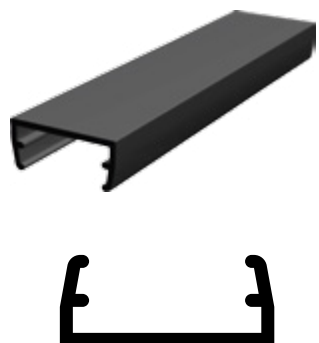
### AP 393



#### A DOUBLE GLAZED UNIT MOUNTING PROFILE FOR REFRIGERATION EQUIPMENT

|           |                    |
|-----------|--------------------|
| MATERIAL  | HARD PVC (PVC-U)   |
| COLOUR    | BLACK              |
| LENGTH    | 2,4 / 3,2 / [M]    |
| PACKAGING | 10 PIECES, PE FOIL |

### AP 575



#### A DOUBLE GLAZED UNIT MOUNTING PROFILE FOR REFRIGERATION EQUIPMENT

|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | HARD PVC (PVC-U)                   |
| COLOUR    | SZARY / CZARNY                     |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M     |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |

## AP 284

### PANE GUIDERAIL PROFILE FOR REFRIGERATION EQUIPMENT



Forms a modular system with AP 285 profile.



|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | HARD PVC (PVC-U)                   |
| COLOUR    | WHITE / BLACK                      |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M     |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |

## AP 285

### PANE GUIDERAIL INSERT PROFILE FOR REFRIGERATION EQUIPMENT



Forms a modular system with AP 284 profile.



|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | HARD PVC (PVC-U)                   |
| COLOUR    | WHITE / BLACK                      |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M     |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |

## AP 286

### PANE GUIDERAIL PROFILE FOR REFRIGERATION EQUIPMENT

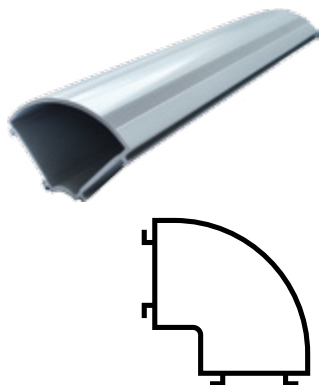


|           |                                    |
|-----------|------------------------------------|
| MATERIAL  | HARD PVC (PVC-U)                   |
| COLOUR    | WHITE / BLACK                      |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M     |
| PACKAGING | RETURNABLE STEEL OR WOODEN PALETTE |



### AP 458

#### CORNER PROFILE FOR REFRIGERATION EQUIPMENT

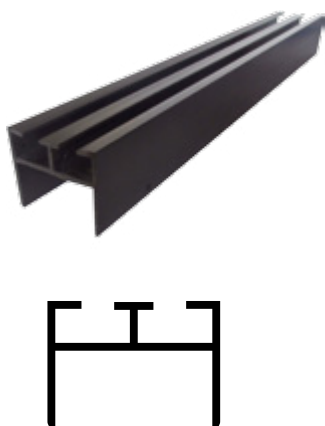


Forms a modular system with AP 459 profile.

|           |  |
|-----------|--|
| MATERIAL  | HARD PVC (PVC-U)                             |
| COLOUR    | GREEN / RED / WHITE / GREY / BLACK           |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M               |
| PACKAGING | 126 PIECES WOODEN PALETTE 0,8 X 0,8 X LENGTH |

### AP 459

#### MOUNTING PROFILE FOR CORNER PROFILE IN REFRIGERATION EQUIPMENT



Forms a modular system with AP 458 profile.

|           |  |
|-----------|--|
| MATERIAL  | HARD PVC (PVC-U)                                 |
| COLOUR    | GREEN / RED / WHITE / GREY / BLACK               |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M                   |
| PACKAGING | 340-510 PIECES WOODEN PALETTE 0,8 X 0,8 X LENGTH |

## AP 577

### SKIRTING PROFILE FOR REFRIGERATION EQUIPMENT



|           |   |
|-----------|---|
| MATERIAL  | HARD PVC + SOFT PVC (PVC-U + PVC-P)                                     |
| COLOUR    | WHITE / GREY / BLACK  |
| LENGTH    | CUTTING TO ORDER FROM 2M TO 6M  |
| PACKAGING | 50 PIECES PE FOIL / 700 – 2000 PIECES WOODEN PALETTE 0,8 X 0,8 X LENGHT |





THERMOPLAST offers innovative solutions appropriate to individual needs of our partners in different segments of industry in Poland and all around the world.

**We support over 1200 clients in 31 countries.**

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Lithuania  
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Kyrgyzstan  
Moldova  
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Romania  
Greece  
France  
Denmark  
Kazakhstan  
Italy  
The Netherlands  
Slovakia  
Switzerland  
Great Britain  
Bulgaria  
Hungary  
Austria  
Turkey  
Latvia  
Cyprus  
Bosnia and Herzegovina  
Ireland  
The Middle East (GCC)





## WE ARE LOOKING FORWARD TO DOING BUSINESS WITH YOU

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For more ideas on profiles visit:  
**[www.thermoplast.eu](http://www.thermoplast.eu)**