

# REINCHEM PMI Foam System



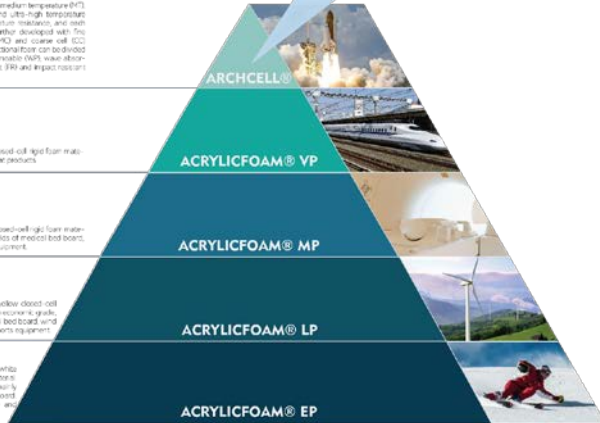
ARCHCELL® is the registered trademark of Reingold Reicher's PMI foams. The products can be divided into two categories: structural and functional. Structural category includes low, medium, high, and ultra-high temperature foams. Functional category includes foams developed with the cell structure, medium cell (MC) and coarse cell (CC) according to cell size. Functional foams can be divided into four types: semi-rigid foams (SR), ultra-rigid foams (UR), flexible foams (FF) and impact resistant (IR).

ACRYLICFOAM® VP is a closed-cell rigid foam material mainly used in floor products.

ACRYLICFOAM® MP is a closed-cell rigid foam material mainly used in the field of medical bed board, automobile and sports equipment.

ACRYLICFOAM® LP is a yellow closed-cell rigid foam material. It is an economic grade, mainly used in the medical bed board, wind power, automobile and sports equipment.

ACRYLICFOAM® EP is a white closed-cell rigid foam material. It is an economic grade, mainly used in the medical bed board, wind power, automobile and sports equipment.



**ARCHCELL®**

**ACRYLICFOAM®**

[www.archcell.net](http://www.archcell.net)

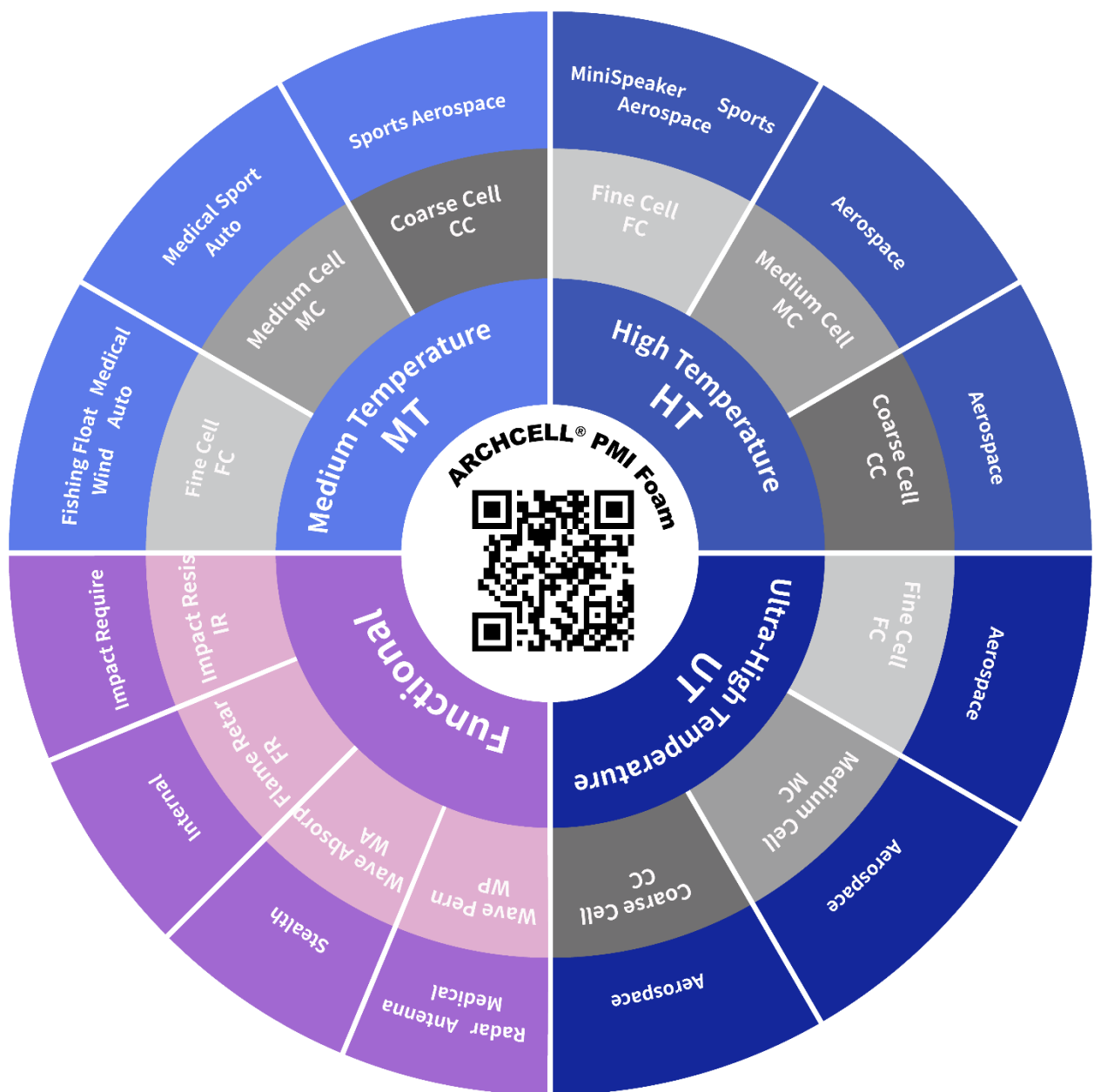


# Price range 1

## High-end PMI foam models

which are currently being sold in the market, have a total of 13 types, which are combined according to different heat deformation temperatures and cell sizes, plus functionality.

Registered trademark archcell®.



## Price range 2

### Mid-range PMI foam model

It can replace some high-end models and reduce costs.

VP material, cell size 45µm, heat deformation temperature 163°C, minimum density 32kg/m<sup>3</sup>.

MP has small cells and medium cell size, medium-cell MC material is impact-improved, cells 100-150µm and 150-250µm, heat deformation temperature 165°C, minimum density 32kg/ m<sup>3</sup>.

Registered trademark acrylicfoam<sup>®</sup>.

## Price range 3

### Low-end PMI foam model

It can replace some mid-range models and reduce costs.

LP yellow, material is rigid, small cells, cells 100-150µm, heat deformation temperature 150°C, minimum density 60kg/m<sup>3</sup>.

EP white, material is impact-improved, small cells, cells 150-250µm, heat deformation temperature 150°C, minimum density 32kg/m<sup>3</sup>.

Registered trademark acrylicfoam<sup>®</sup>.

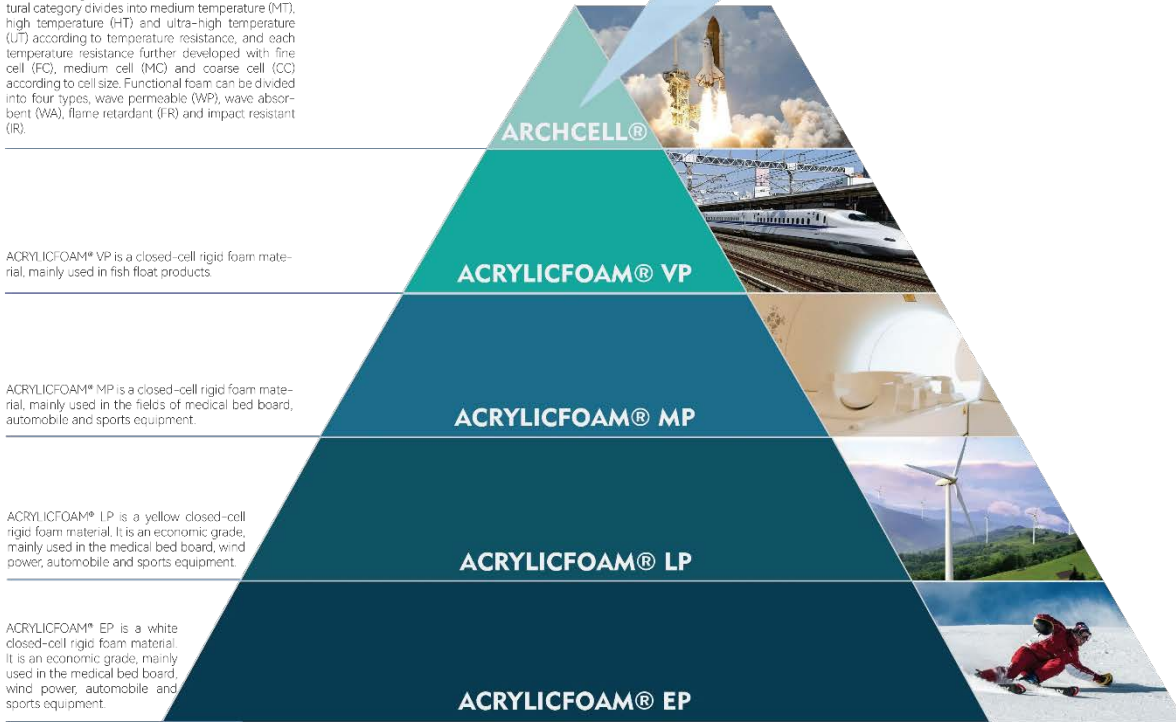
## Other

At the same time, we can also provide particle foaming, foam-filled NOMEX<sup>®</sup> honeycomb and other products.

# REINCHEM PMI FOAM SYSTEM



ARCHCELL® is the registered trademark of Shanghai Reinchem's PMI foam. The products can be divided into two categories, structural and functional. Structural category divides into medium temperature (MT), high temperature (HT) and ultra-high temperature (UT) according to temperature resistance, and each temperature resistance further developed with fine cell (FC), medium cell (MC) and coarse cell (CC) according to cell size. Functional foam can be divided into four types, wave permeable (WP), wave absorbent (WA), flame retardant (FR) and impact resistant (IR).



**REINCHEM**

高性能PMI及复合材料  
www.archcell.net

热线电话 021-5991 8301

技术咨询: 13916212034 | pei.hu@archcell.net

