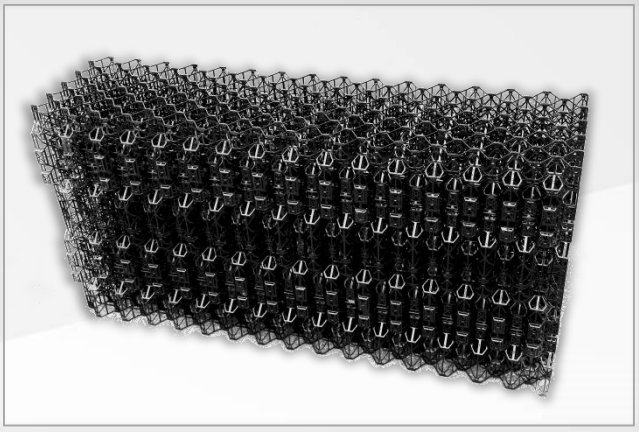
NMV30

NMV 21 (Net Media – Vertical type – **30** mm)
is a structured fill media obtained by the assembly of PP injection molded sheets.



Design

The Net profile is 30 mm in height. The NMV 30 is a vertical flute fill media with an enhanced water distribution system which develops over 115 m2/m3:
the ideal choice to keep an efficiency level comparable to film fill media, and improve the efficiency of old splash technology based cooling towers.

Principal applications:

The NMV30 vertical structure and its high specific surface allow this product to find a wide use in many applications amongst which:

- Fill media for evaporative cooling towers
- Fill media for stripping columns
- Fill media for degassing units in aquaculture
- Fill media for waste water treatment, such as high rate trickling filters and compact systems

PP Characteristics:

The PP used to make this fill media comply with the most restrictive standards.

- Lightness, which allows an easy handling;
- High mechanical resistance, in particular to compression;
- Resistance to the majority of chemicals and to the biological aggression;
- It is an hydrophilic material, this is why water forms a well distributed liquid film while flowing on it.

As PP is a flammable polymer we can also provide the NMV 30 in special fire retardant and self-extinguishing PP, classified according to UL 94 HB (Horizontal Burning) as V2 grade (self-extinguished within 30 seconds after the ignition source was removed)

Working Temperature
-5°C ÷ 90°C

Fill Media for Cooling Towers

Headquarters: Via dei Tigli, 8 - 20853 Biassono (MB) - ITALY - Phone +39 039 5788021 - Fax +39 039 5788032 - info@refill-tech.it

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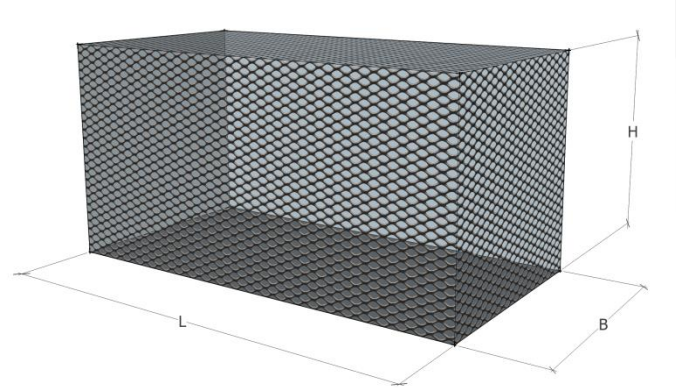
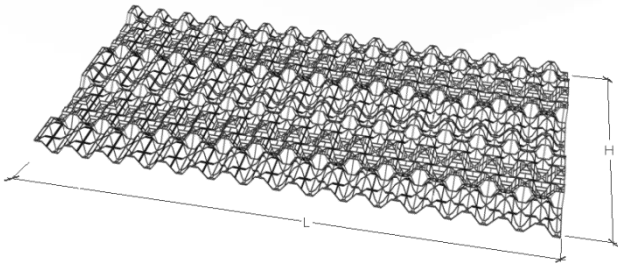
Available Sizes

NMV 30 can be supplied both in pre-assembled blocks and sheets to be assembled on site.
The latter option allow to optimize the freight volume and consequently to reduce the transport costs.

The assembly process is mechanical, employing only 1 worker and with an extremely low power consumption. Refill tech solutions can supply the suitable machine to make this operation.





Standard Block Sizes: L x W x H
1200 x 300 x 300 mm
1200 x 300 x 600 mm

Standard Sheet Sizes: L x H
1200 x 300 mm
1200 x 600 mm

Specific Surface	Thermoformed Profile Height	Void Index	Material
115 m^2/m^3	30 mm	98 %	PP or PP V2

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