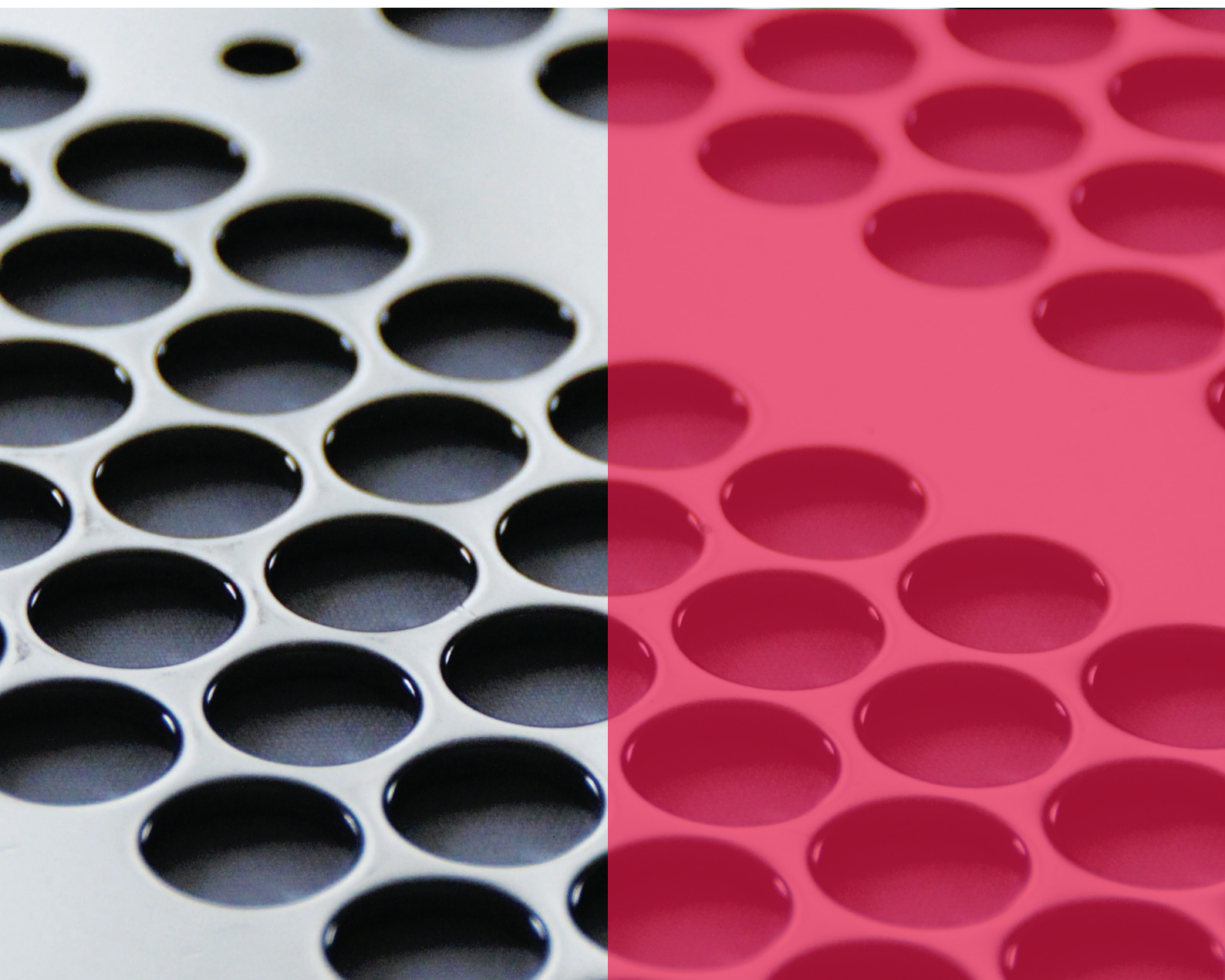


PERFORATED PRODUCTS

GENERAL INFORMATION – STANDARD PRODUCTS

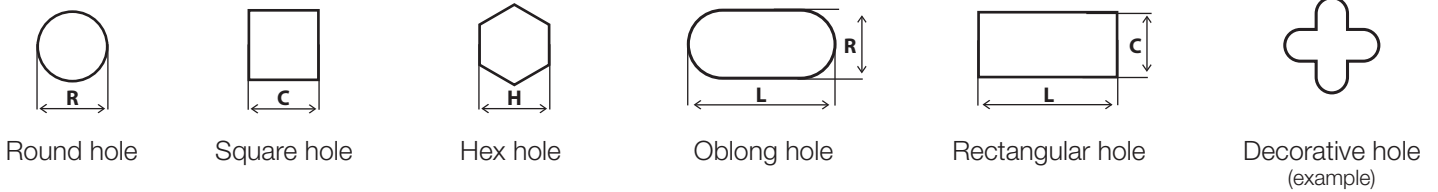


March 2016

PERFORATIONS

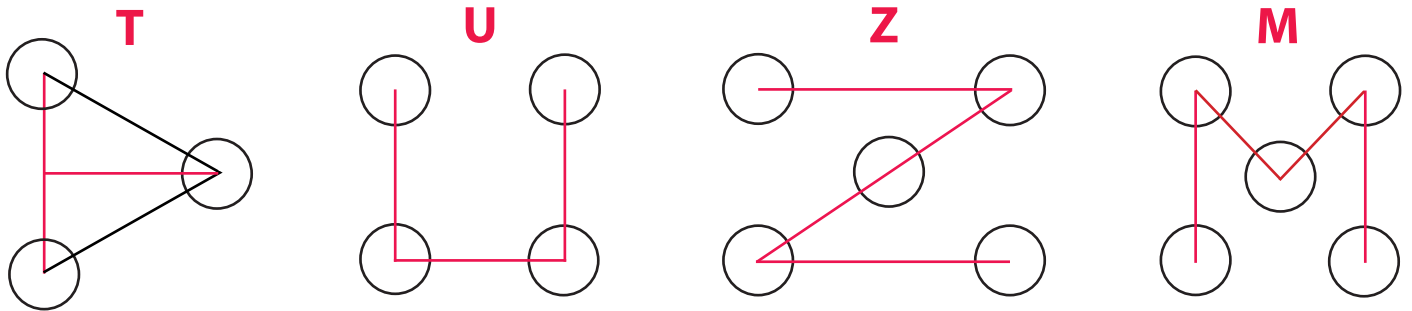
□ *Type of perforation*

Holes can be Round (R), Square (S), Hex (H), Oblong (LR), Rectangular (LC) or diamond (CD)



Perforation layout is defined by letters T -U- Z- M according to the arrangement of holes in relation to one another.

Perforation arrangements ↓



□ *Applicable standards*

NFE 81061
NFE 81063

DIMENSIONS

Others available on demand

□ *Sizes*

The available standard sizes are (in mm) :

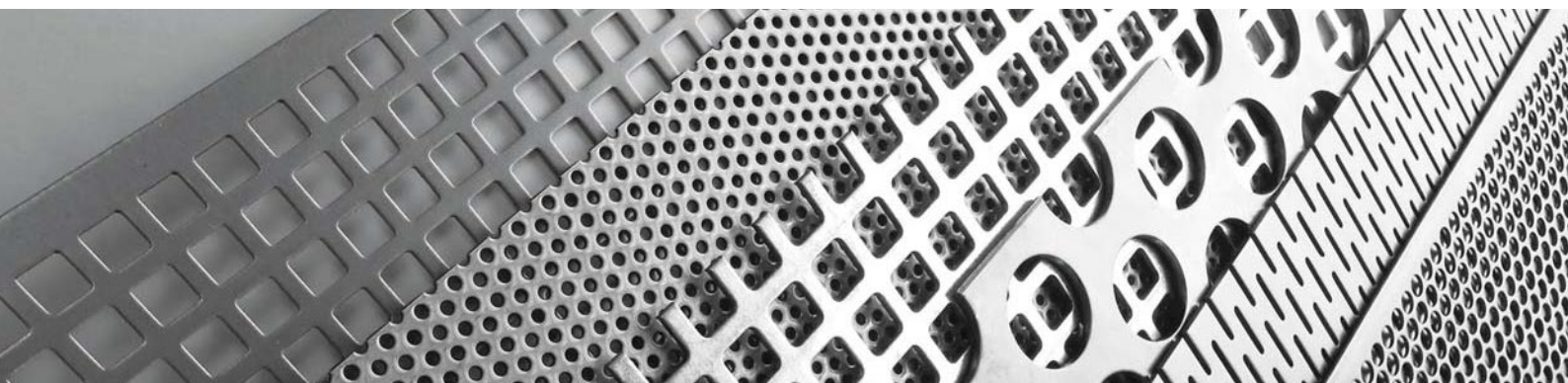
- 1000 x 500
- 2000 x 1000
- 2500 x 1250
- 3000 x 1500
- 25 ml x 350 or 450 (Bobine Perfolisse©)

□ *Perforation*

Hole dimensions vary from 0.5mm to 50mm.

□ *Thickness*

Depending on hole thickness of material can be from 0.08mm to 15mm.



MATERIALS

Others available on demand

ACIER

Cold rolled steel
DC01

Standard
NF EN 10130

Recommendations

To avoid risk of corrosion, we recommend applying an anti-corrosion surface treatment for relevant to your application.

Hot rolled steel
S235JR - DD11

Standard
NF EN 10025-2 (S235JR)
NF EN 10111 (DD11)

Recommendations

To avoid risk of corrosion, we recommend applying an anti-corrosion surface treatment for relevant to your application.
The material is suitable for hot-dip galvanising.

Steel galvanised before cutting
DX 51D + Z140 or Z275

Standard
NF EN 10327

Recommendations

To avoid risk of corrosion, we recommend applying an anti-corrosion surface treatment for relevant to your application.

ALUMINIUM

5754 Aluminium

Standard
NF EN 573-3

Recommendations

Good corrosion resistance
Better mechanical strength than aluminum 1050
Good weldability

1050 Aluminium

Standard
NF EN 573-3

Recommendations

Good corrosion resistance
Highly ductile
Good weldability

STAINLESS STEEL

304 Stainless steel

Standard
NF EN 10088-1

Recommendations

Good corrosion resistance

304L Stainless steel

Standard
NF EN 10088-1

Recommendations

Good corrosion resistance
Better weldability than grade 304 stainless steel

316L Stainless steel

Standard
NF EN 10088-1

Recommendations

Corrosion resistance greater than the range 304 / 304L
good weldability

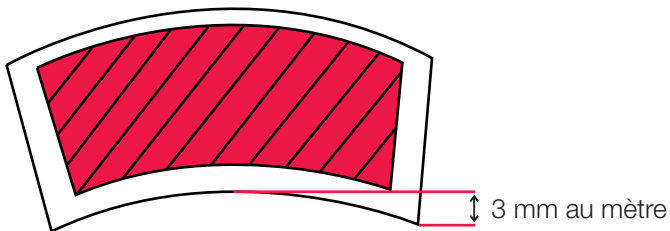
GENERAL FABRICATION TOLERANCE

Others available on demand

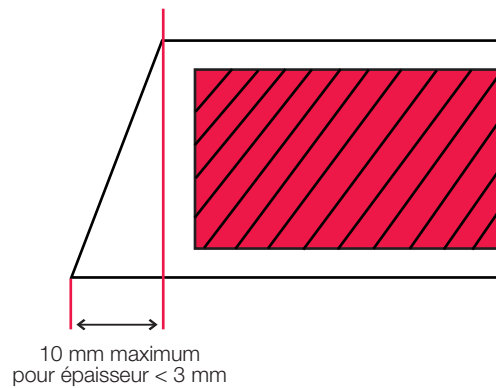
Flatness tolerance

Width mm	Thickness <5 mm With plain margins all round or part plain		Thickness <5 mm with symmetrical normal minimal plain edge»	
	< 40% de vide	≥ 40% de vide	< 40% de vide	≥ 40% de vide
< 1000	15mm	20mm	8mm	15mm
≥ 1000 and <1500	20mm	30mm	15mm	22mm

Cutting tolerances

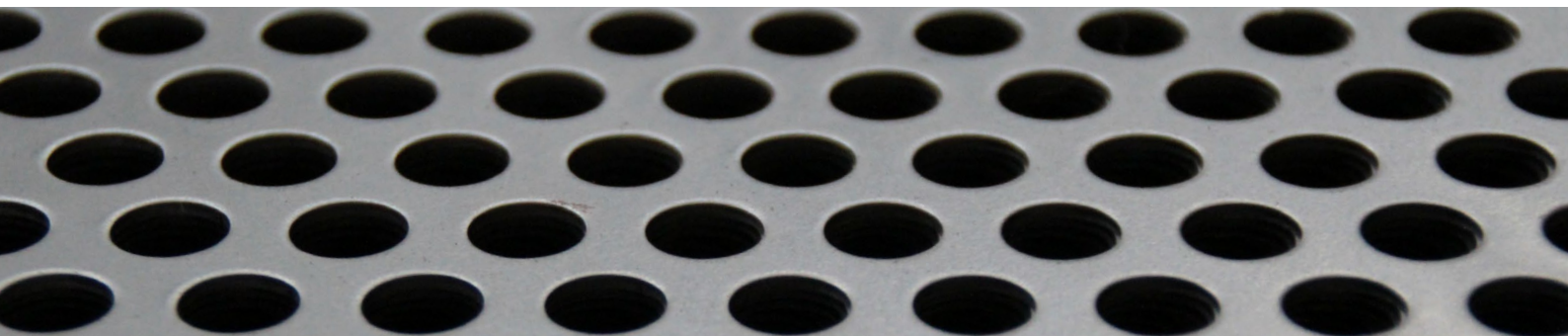


Squareness tolerances



Burr tolerances (in mm)

Thickness T	T ≤ 1.6	1.6 < T ≤ 2.5	2.5 < T ≤ 4	T > 4
Materials				
Aluminium	0.25	0.37	0.54	0.90
Steel	0.14	0.22	0.34	0.50
Stainless steel	0.09	0.15	0.24	0.38



□ Visual Tolerance

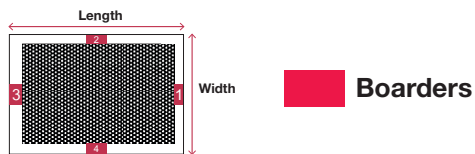
The products are not guaranteed scratch-free.

□ Positional tolerance *(values in mm)*

Nominal spacing p	Average spacing tolerance \pm
$35.5 < p \leq 160$	1
$14 < p \leq 35.5$	0.45
$7.1 < p \leq 14$	0.25
$2.24 < p \leq 7.1$	0.2
$1.25 < p \leq 2.24$	0.16
$1 \leq p \leq 1.2$	0.12

□ Dimensional tolerances *(values in mm)*

Width	Length	Normal minimum boarder width	Normal minimum boarder length
500 ± 3	$1000 \begin{smallmatrix} +25 \\ 0 \end{smallmatrix}$	mini 0	5 à 10
$1000 \begin{smallmatrix} +25 \\ 0 \end{smallmatrix}$	$2000 \begin{smallmatrix} +10 \\ 0 \end{smallmatrix}$	5 à 10	mini 0
$1250 \begin{smallmatrix} +25 \\ 0 \end{smallmatrix}$	$2500 \begin{smallmatrix} +10 \\ 0 \end{smallmatrix}$	5 à 10	mini 0
$1500 \begin{smallmatrix} +25 \\ 0 \end{smallmatrix}$	$3000 \begin{smallmatrix} +10 \\ 0 \end{smallmatrix}$	5 à 10	mini 0



OTHER INFORMATION

If you need a Quality Certificates (2.1 - 3.1), the order can not be processed on the web-sales site.
Please contact us.