
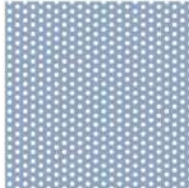
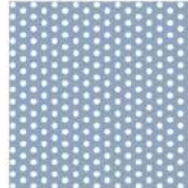
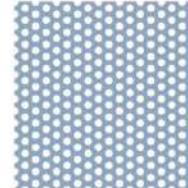
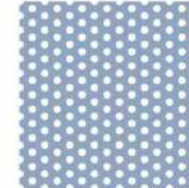
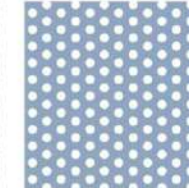




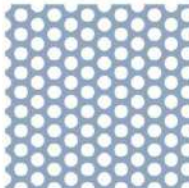

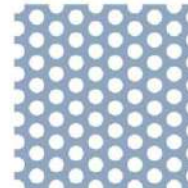


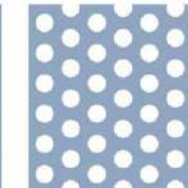
Catálogo


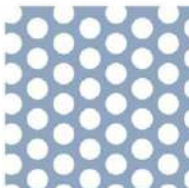





Chapas Perfuradas & Chapas Expandidas

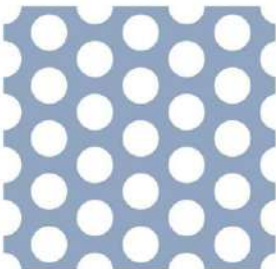
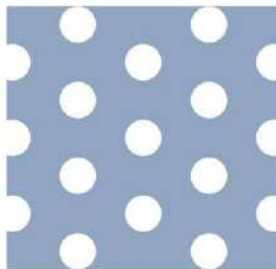
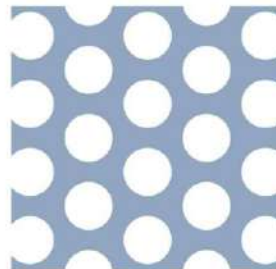
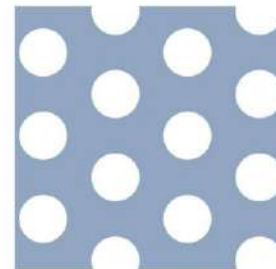
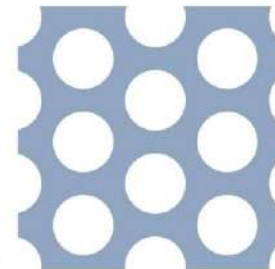
Telas
Arames
Ferramentas

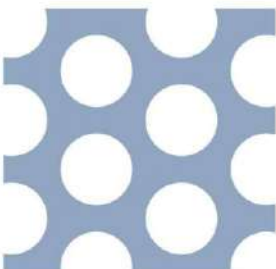
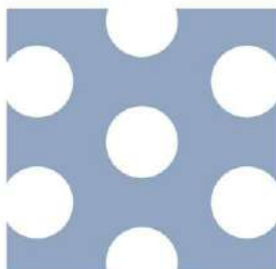



Chapa perfurada Furo redondo

						
Ø 0,5 mm .020"	Ø 0,6 mm .023"	Ø 0,8 mm 1/32"	Ø 1,0 mm .040"	Ø 1,0 mm .040"	Ø 1,2 mm 3/64"	Ø 1,5 mm .059"
A C 1,0 mm	A C 1,2 mm	A C 1,6 mm	A C 1,6 mm	A C 1,9 mm	A C 2,2 mm	A C 3,0 mm
645 - 20%	550 - 23%	300 - 23%	252 - 31%	207 - 25%	145 - 27%	82 - 23%

						
Ø 1,6 mm 1/16"	Ø 1,8 mm .071"	Ø 1,8 mm .071"	Ø 2,0 mm 5/64"	Ø 2,0 mm 5/64"	Ø 2,0 mm 5/64"	Ø 2,4 mm 3/32"
A C 3,0 mm	A C 2,55 mm	A C 3,0 mm	A C 3,0 mm	A C 3,5 mm	A C 4,0 mm	A C 4,0 mm
82 - 26%	115 - 45%	82 - 32%	82 - 40%	61 - 29%	47 - 23%	47 - 32%

						
Ø 2,4 mm 3/32"	Ø 2,8 mm 7/64"	Ø 3,17 mm 1/8"	Ø 3,17 mm 1/8"	Ø 3,6 mm 9/64"	Ø 4,0 mm 5/32"	Ø 4,0 mm 5/32"
A C 5,0 mm	A C 4,0 mm	A C 5,0 mm	A C 6,0 mm	A C 5,0 mm	A C 6,0 mm	A C 7,0 mm
30 - 21%	47 - 44%	30 - 36%	20 - 25%	30 - 47%	20 - 40%	15 - 29%

				
Ø 4,8 mm 3/16"	Ø 4,8 mm 3/16"	Ø 6,35 mm 1/4"	Ø 6,35 mm 1/4"	Ø 8,0 mm 5/16"
A C 7,0 mm	A C 10,0 mm	A C 9,0 mm	A C 11,0 mm	A C 11,0 mm
42%	21%	45%	30%	48%

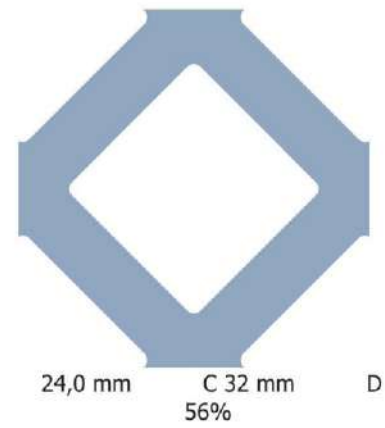
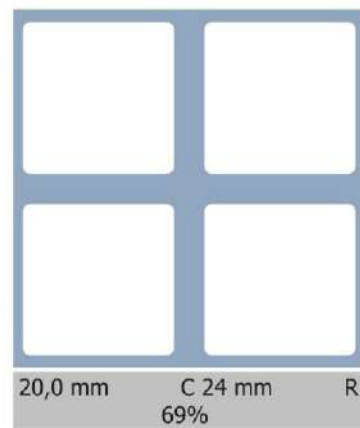
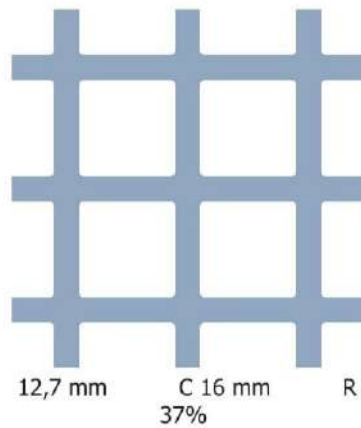
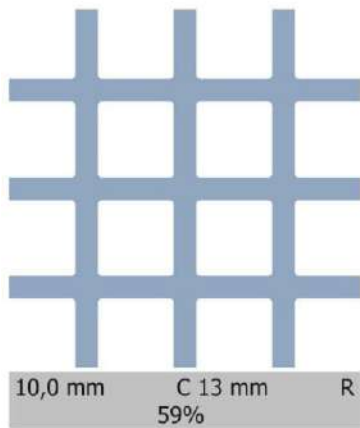
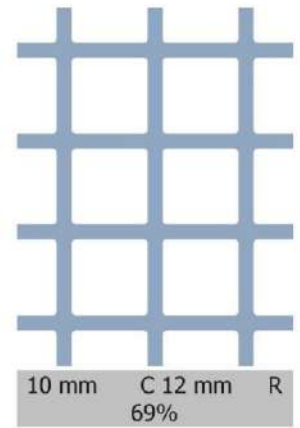
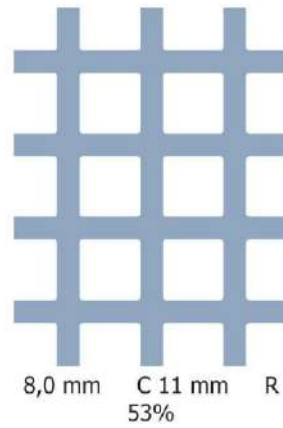
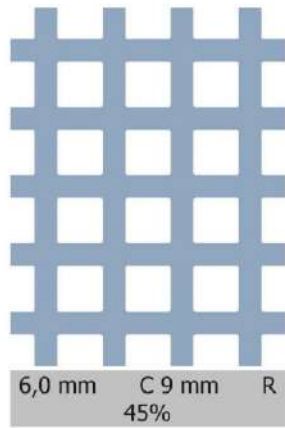
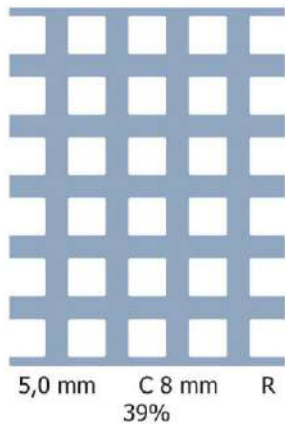
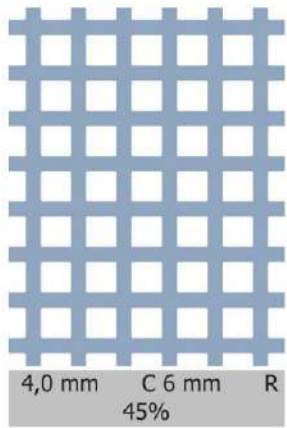
				
Ø 9,5 mm 3/8"	Ø 9,5 mm 3/8"	Ø 12,7 mm 1/2"	Ø 12,7 mm 1/2"	Ø 14,3 mm 9/16"
A C 12,0 mm	A C 16,0 mm	A C 18,0 mm	A C 20,0 mm	A C 22,0 mm
49%	37%	45%	36%	28%



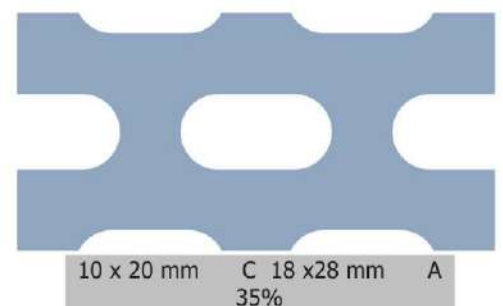
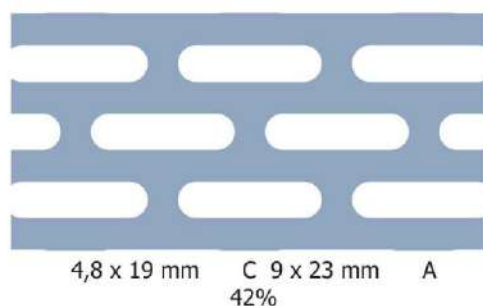
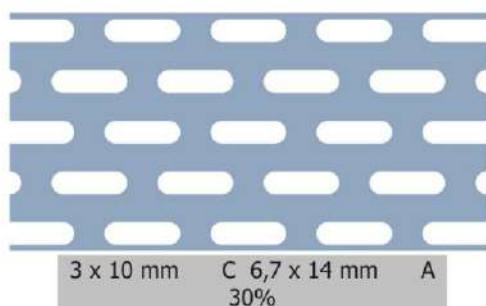
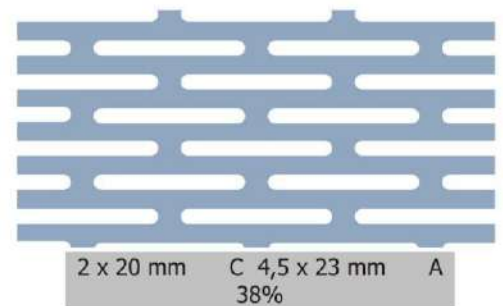
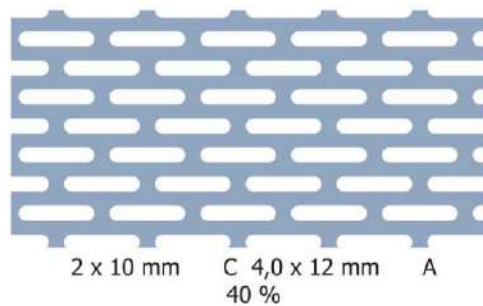
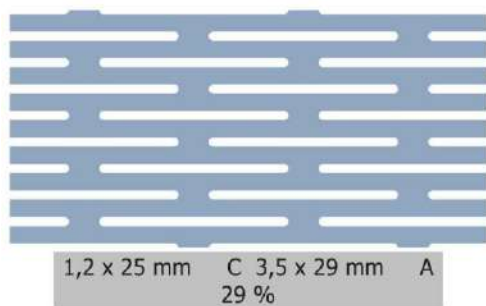
- LEGENDA**
- Ø 4,0 mm = Diâmetro dos furos em Milímetros
 - 5/32" = Diâmetro dos furos em Polegadas
 - A = Disposição dos Furos (A = Alternada, R = Retá)
 - C 7,00 mm = Distância entre os Centros dos Furos
 - 15 = Quantidade de Furos por Polegada Quadrada
 - 29% = Porcentagem de Área Aberta

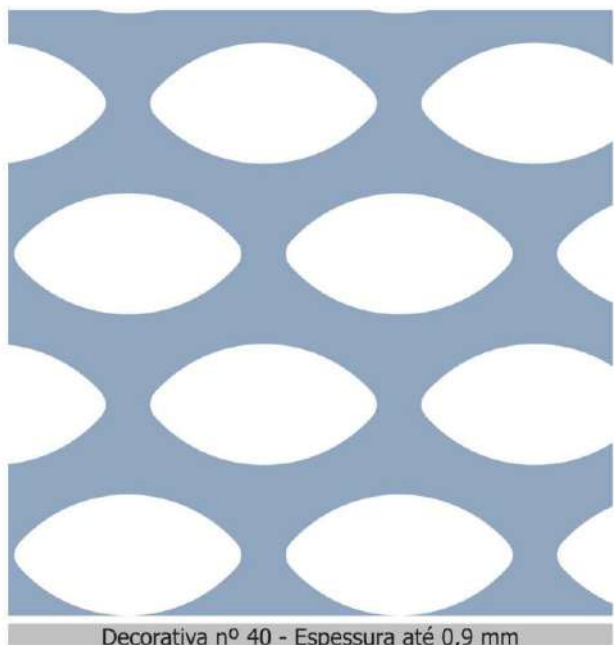
ATENÇÃO
O diâmetro do furo não pode ser menor que a espessura da chapa.

Furos quadrados

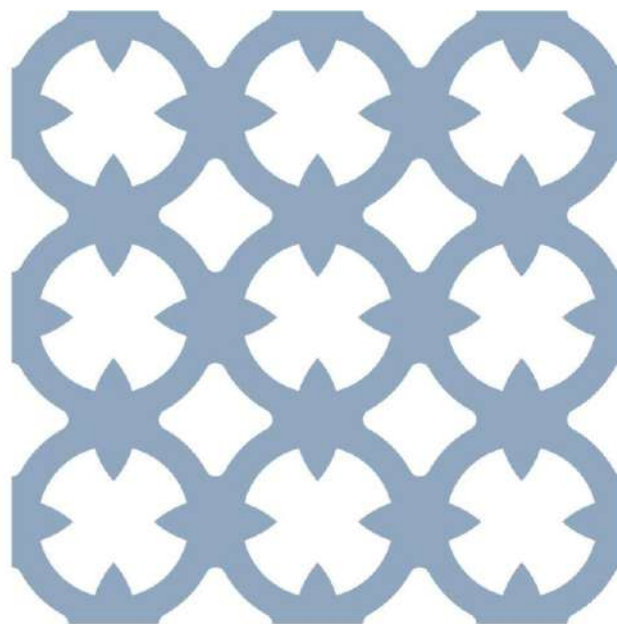


Furos Oblongos

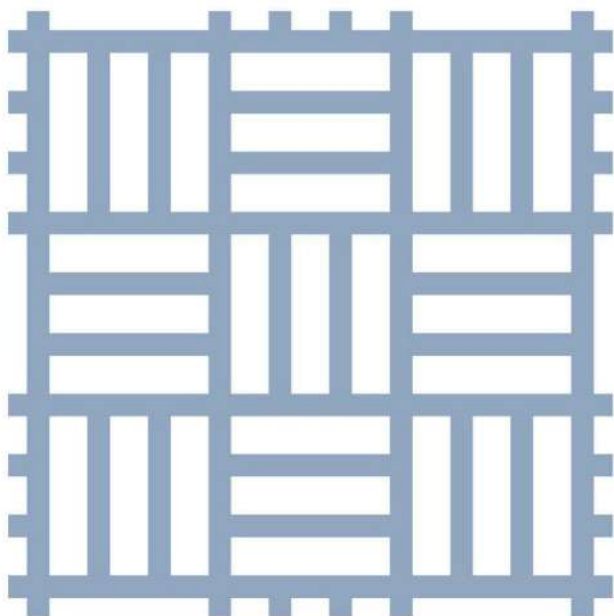




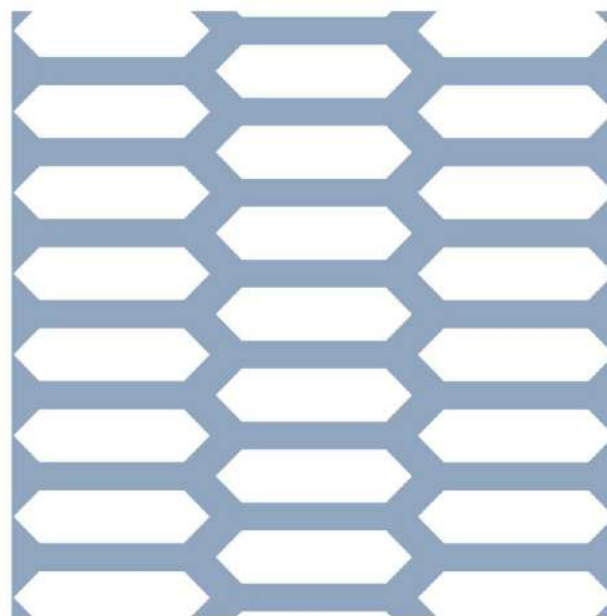
Decorativa nº 40 - Espessura até 0,9 mm



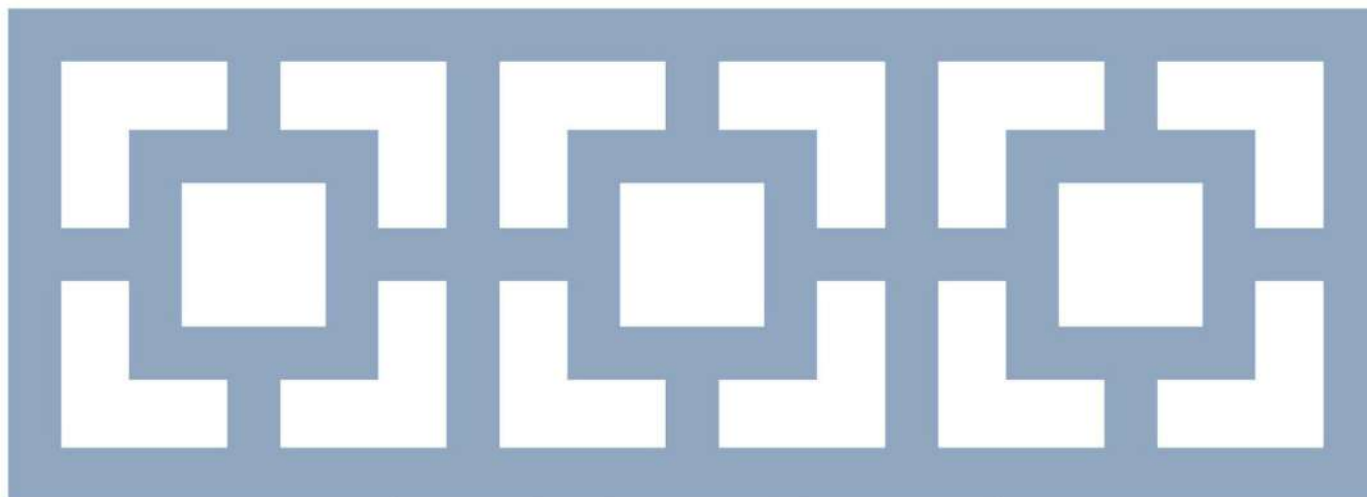
Decorativa nº 14 - Espessura até 0,9 mm



Grade nº 3 - Espessura até 2 mm



Decorativa nº 18 - Espessura até 1,2 mm



Grade nº 2 - Espessura até 2 mm

Chapas perfuradas Furos Ornamentais



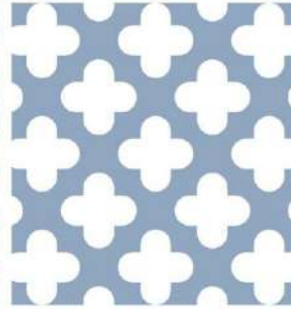
Ornamental n° 7
Espessura até 0,5 mm



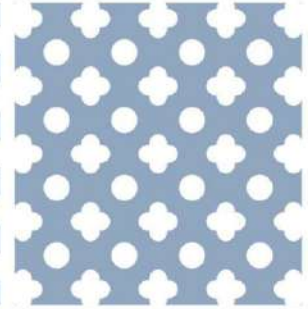
Ornamental n° 2
Espessura até 0,8 mm



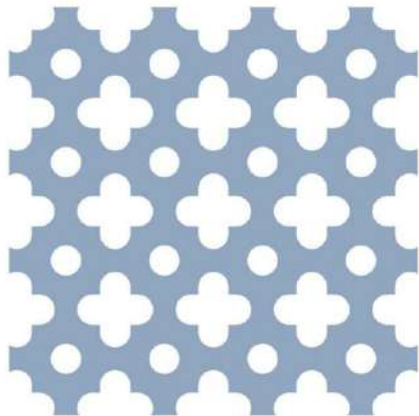
Ornamental n° 4
Espessura até 0,9 mm



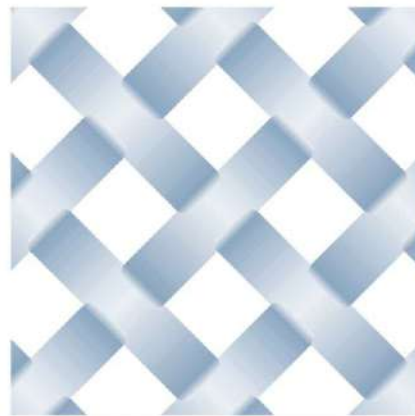
Ornamental n° 5
Espessura até 1,2 mm



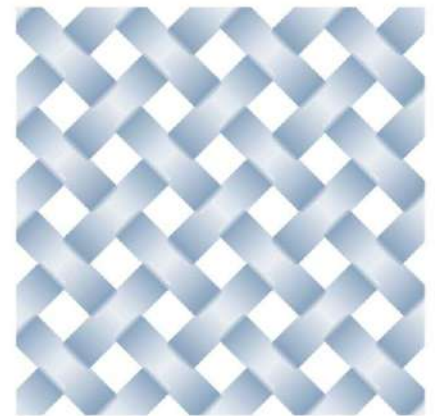
Ornamental n° 10
Espessura até 0,9 mm



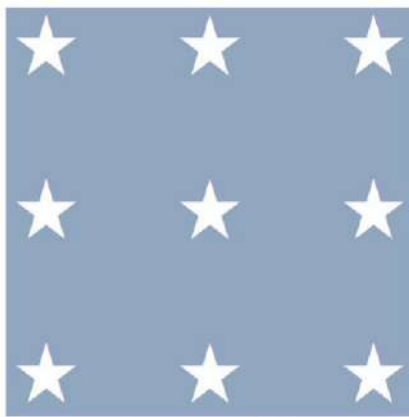
Ornamental n° 11
Espessura até 1,2 mm



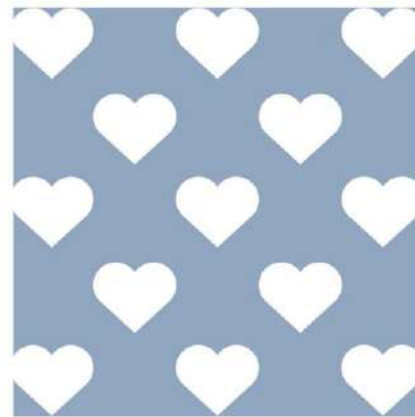
Decorativa Tipo Treliça de 10 mm
Espessura até 0,9 mm



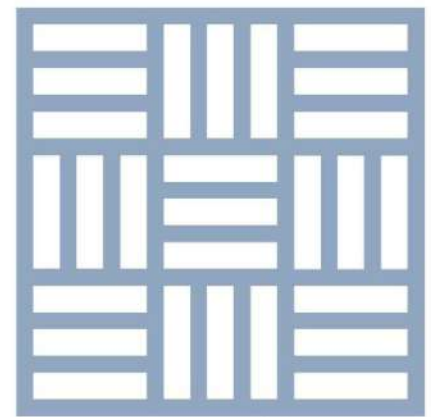
Decorativa Tipo Treliça de 5 mm
Espessura até 0,9 mm



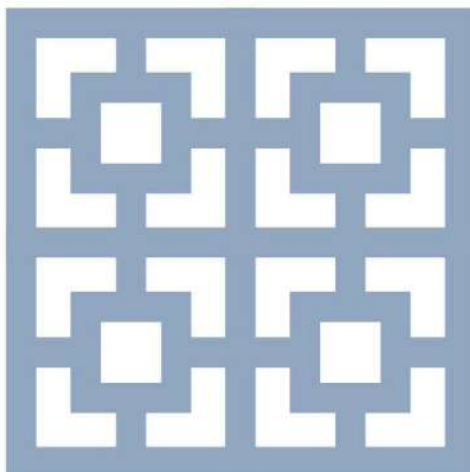
Decorativa n° 51
Espessura até 0,9 mm



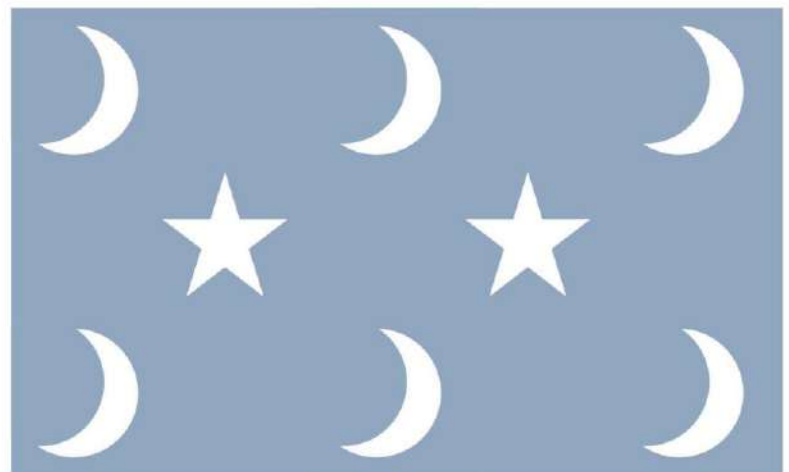
Decorativa n° 54
Espessura até 0,9 mm



Decorativa n° 25
Espessura até 0,9 mm



Ornamental n° 22
Espessura até 0,9 mm

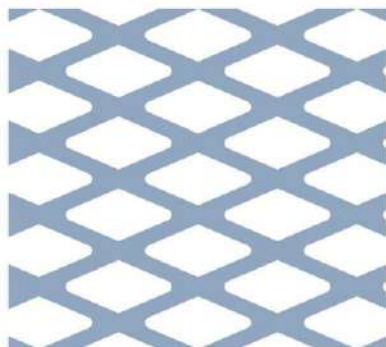


Decorativa Tipo Lua e Estrela
Espessura até 1,2 mm

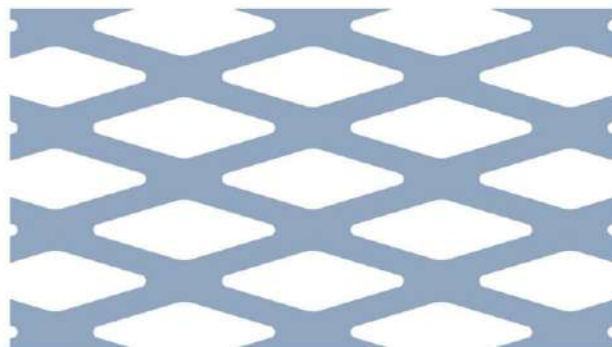
Chapa Perfuradas Furos Losangulares



4,7 X 6,7 mm - EC 7 X 10 mm
AA 45%

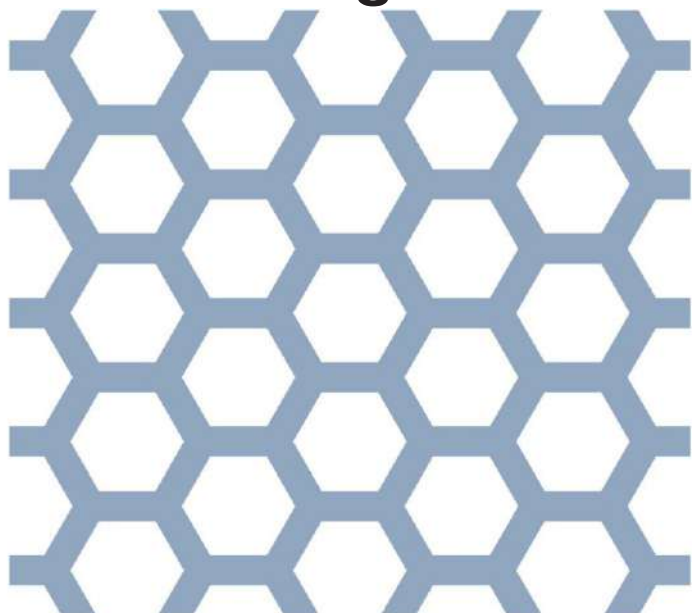


7 X 14 mm - EC 9,5 X 21 mm
AA 49%

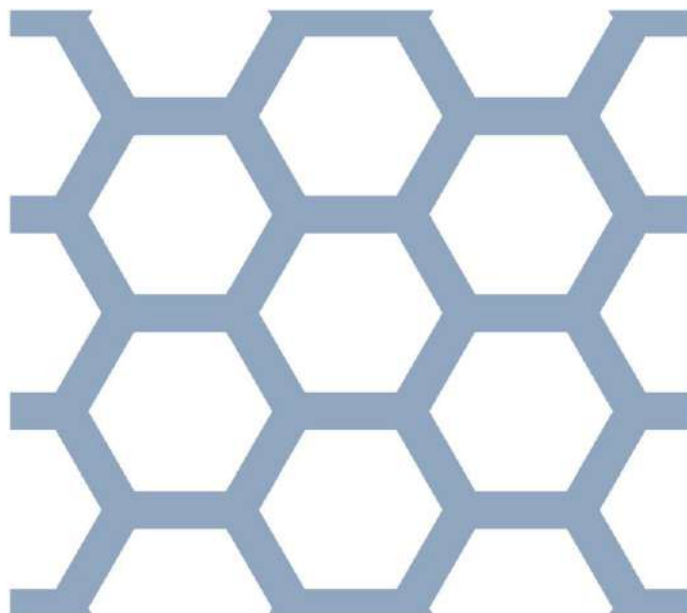


8 X 24 mm - EC 13,5 X 34 mm
AA 42%

Furos hexagonais

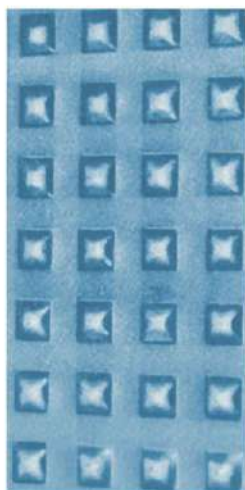


13 mm - EC 17 mm - AA 49%

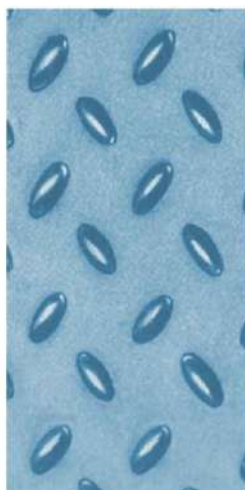


21 mm - EC 26 mm - AA 65%

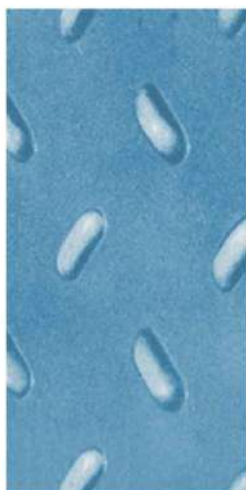
Chapa recalçada



Recalque nº 2



Recalque nº 3



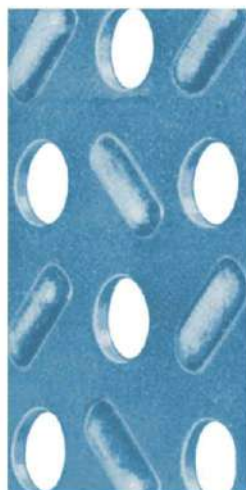
Recalque nº 4



Recalque nº 5



Recalque nº 6



Recalque nº 7

Gradil e Grade Eletrofundido

Características

Grande capacidade de carga
Superfície Anti-derrapante
Ventilação
Absoluta impossibilidade de desconexão das malhas
Luminosidade
Segurança

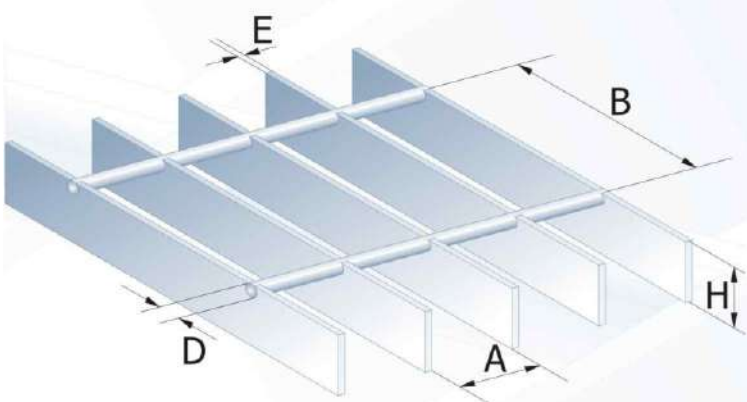
Aplicações Práticas

Proteção para Máquinas
Divisões
Passarelas
Pallets
Plataformas
Pisos
Peneiras Siderúrgicas

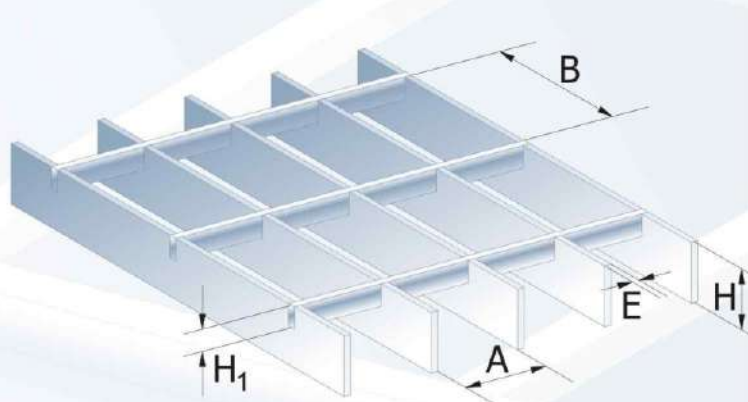
Aplicações em Indústrias:

Siderúrgica
Naval
Geração de Energia
Petroquímicas
Destilaria
Mineração
Papel e Celulose

Modelos



A = Distância entre as barras portantes.
B = Distância entre os fios de ligação.
D = Diâmetro do fio de ligação.
E = Espessura da barra portante.
H = Altura da barra portante.



A = Distância entre as barras portantes.
B = Distância entre as barras de ligação.
E = Espessura da barra portante.
H = Altura da barra portante.
H₁ = Altura da barra de ligação.

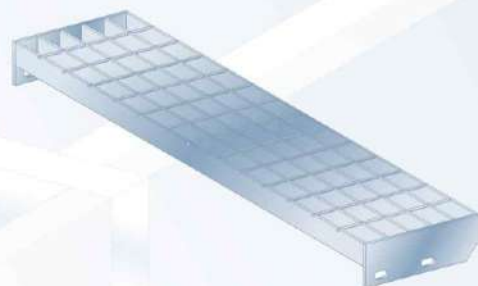
Painéis Padronizados: 6400 x 1500 mm e 2114 x 1650 mm a Pronta Entrega

As barras portantes irão suportar as cargas aplicadas sobre a grade. Devem ser instaladas perpendiculares aos apoios.

Os fios ou barras de ligação unem e mantém perpendicularmente as barras portantes, formando uma rígida estrutura.

Devido à enorme gama de aplicações em diferentes ambientes as grades são executas sob medida para cada caso e aplicação.

Degraus Padronizados



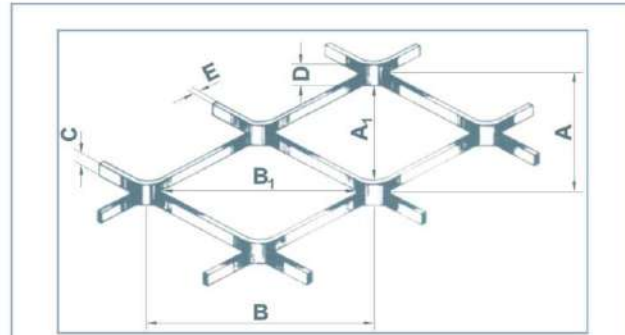
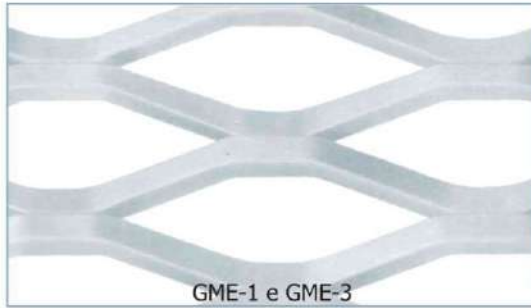
Chapa Expandida

APLICAÇÕES:

AERAÇÃO
ANDAIMES
CARRINHOS
CERCAS
CESTOS
DIVISÓRIAS
DUTOS
ESCADAS
FORROS
GRADES
GRADIS
GRELHAS
MEZANINOS
MÓVEIS
ORNAMENTAÇÃO
PASSADIÇOS
PISOS
PORTAS
PROTEÇÃO
QUEIMADORES
TRIOS ELÉTRICOS

INDÚSTRIA:

ACÚSTICA
AUTOMOTIVA
CONSTRUÇÃO
EQUIPAMENTOS
FILTROS
FUNDIÇÃO
MINERAÇÃO
NAVAL
PAPEL E CELULOSE
PETROLÍFERA



A = Abertura da malha de centro a centro no sentido da diagonal menor.

A₁ = Abertura interna da malha.

B = Comprimento da malha de centro a centro, no sentido da diagonal maior.

B₁ = Comprimento interno da malha.

C = Cordão da malha.

D = Cruzeta (Junção de duas malhas).

E = Espessura do material.



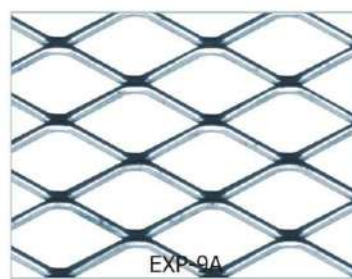
MEDIDAS

DESIGNAÇÃO	ESPECIFICAÇÕES			
	A	B	C	E
EXP-2	2	4	0,5	0,45
EXP-3	3	6	0,8	0,6
EXP-4	4	8	0,8	0,8
EXP-5	5,5	10	0,8	0,8
EXP-5A	5,5	10	0,8	0,75
EXP-5B	5,5	10	1	0,9
EXP-6	6,2	13	0,8	0,75
EXP-9	9	20	1	0,9
EXP-9A	9	20	1,5	1,2
EXP-12	12	25	1	0,9
EXP-12A	12	25	1,5	1,2
EXP-12B	12	25	1,8	1,5
EXP-12C	12	25	2,2	1,5
EXP-12D	12	25	2,5	2
EXP-13	13,5	45	1,8	0,9
EXP-13A	13,5	45	2,5	1,2
EXP-13B	13,5	45	2	2
EXP-13C	13,5	45	3,5	3
EXP-14	14	32	1,2	0,75
EXP-14A	14	32	1,5	1,2
EXP-14B	14	32	1,8	1,5
EXP-20	20	50	2	1,5
EXP-20A	20	50	2,5	2
EXP-20B	20	50	3,5	3
EXP-29	29	54	3	2
EXP-38	38	75	2	1,5
EXP-38A	38	75	2,5	2
EXP-38B	38	75	3,5	3
EXP-38C	38	75	5	4,7
EXP-68	68	150	3,5	3
EXP-68A	68	150	5,5	4,7
EXP-70	70	200	5,5	4,7

DESIGNAÇÃO	ESPESURA EM MM	DIMENSÕES DAS MALHAS ENTRE CENTROS EM MM	
		A	B
GME-1	6,3	40	100
GME-2	6,3	51	150
GME-2S	6,3	65	150
GME-3	4,8	40	100
GME-4	4,8	40	100
GME-5	6,3	40	133
GME-6	6,3	40	133
GME-7	8,0	40	133
GME-8	8,0	40	133
GME-9	9,5	40	133

OS MODELOS STYRAMETAL

SÃO PRODUZIDOS EM: AÇO CARBONO, AÇO INOXIDÁVEL, ALUMÍNIO, LATÃO, ETC.





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(11)5622-0120

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Arames
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(11)97635-8617