

2026 PRODUCT CATALOGUE

# Architectural Metal Mesh Systems

More than Mesh, A System for Architecture





# Architectural mesh, organized for selection.

POSITIONING

SGORIA is not a conventional industrial wire mesh supplier. It is a specialist brand for architectural metal mesh systems, created for facades, interiors, sunshading, curtains and custom construction applications.

|                    |       |                      |       |
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# More than mesh, a system for architecture.

SGORIA is an architectural metal mesh systems brand with a self-owned factory. We help project teams connect product choice, material, finish, fixing details and delivery so metal mesh can carry the design intent in real buildings.

Rather than acting like a general industrial mesh supplier, SGORIA focuses on architectural use where texture, openness, finish, edge detail and manufacturability all need to stay aligned.

SGORIA PROFILE

Architectural metal mesh systems made for real project use. Facades, interiors, ceilings, partitions, curtains, screens, materials, finishes, samples, fixing details and custom production are coordinated by one SGORIA factory team.

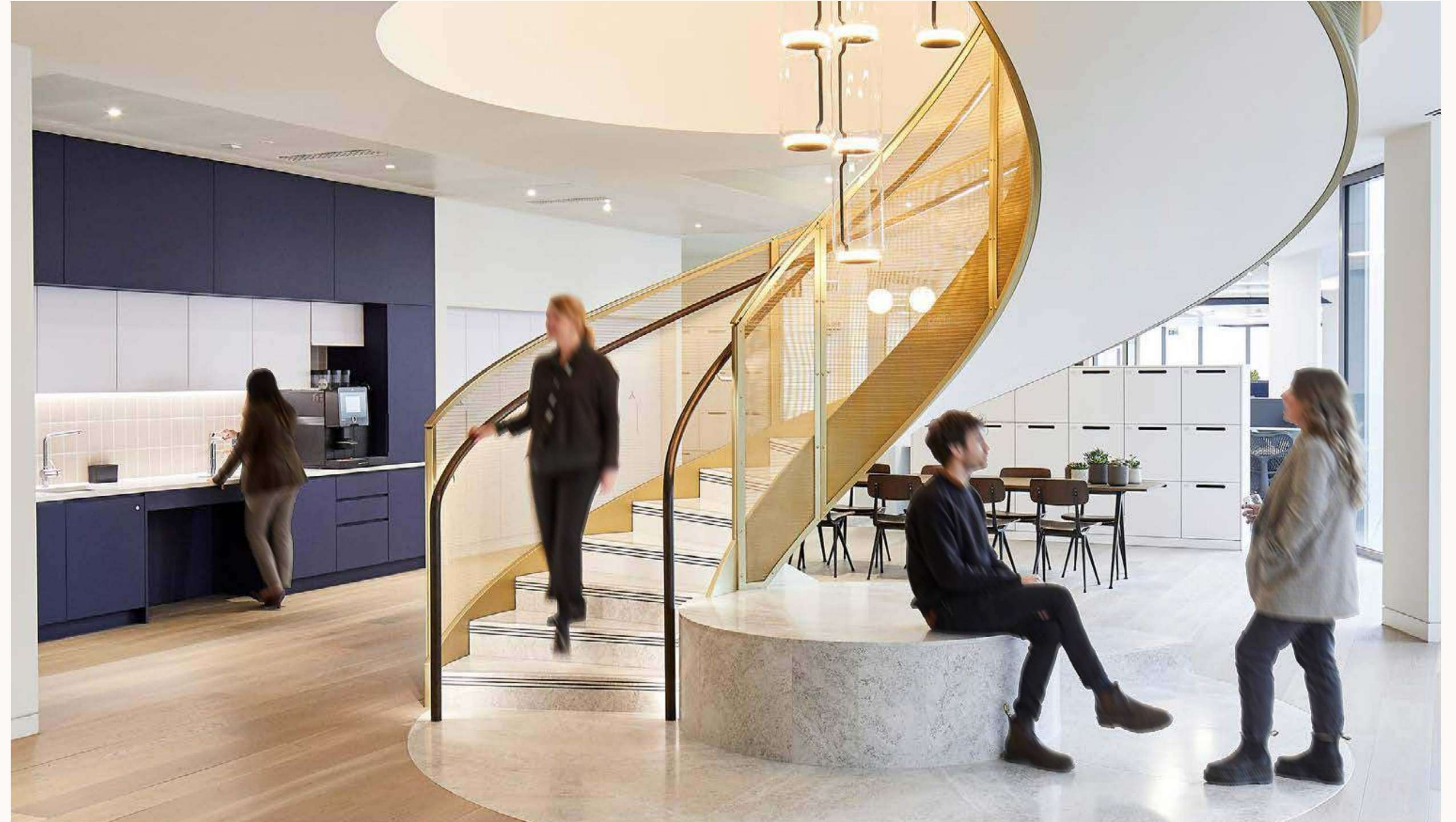


|               |                                                                                       |
|---------------|---------------------------------------------------------------------------------------|
| FACTORY ROLE  | Self-owned production connected to architectural project execution                    |
| CORE FOCUS    | Product system knowledge, material judgment, sample confirmation and delivery control |
| PROJECT TYPES | Facades, interiors, ceilings, partitions, curtains, screens and custom surfaces       |
| SUPPORT ROUTE | Reference images, samples, drawings, production notes, inspection and packing         |



# Light, transparent, durable and expressive.

Architectural metal mesh adds depth, shadow, reflection and a changing sense of scale to building surfaces, helping spaces feel lighter while keeping a strong material presence.



01

## Visual Identity

Metal texture gives buildings a clear and memorable surface language.

02

## Transparency

Open structures balance privacy, daylight and visual permeability.

03

## Ventilation

Mesh skins allow airflow for facade and parking applications.

04

## Sunshading

Open area and density help reduce glare and heat gain.

05

## Safety

Selected meshes can serve enclosure, railing and fall protection roles.

06

## Low Maintenance

Stainless steel and coated materials support long term use.

07

## Customizable

Material, finish, opening and fixing can be adjusted by project.

08

## Recyclable

Metal systems support long service life and material recovery.



# Choose by use, effect and system logic.

Start with the way your space needs to perform, then match the required visual effect to the most suitable mesh family before model, finish and technical confirmation.

BY APPLICATION

|    |                              |
|----|------------------------------|
| 01 | Building Facade              |
| 02 | Sunshading Screen            |
| 03 | Parking Garage Skin          |
| 04 | Balustrade / Guardrail       |
| 05 | Interior Partition           |
| 06 | Wall Cladding / Feature Wall |
| 07 | Ceiling / Soffit Panel       |
| 08 | Elevator Cab / Glass Insert  |
| 09 | Furniture / Retail Display   |
| 10 | Custom Art / Installation    |

BY EFFECT

|   |                            |
|---|----------------------------|
| A | Open Transparency          |
| B | Privacy Screening          |
| C | Light & Shadow Control     |
| D | Airflow / Ventilation      |
| E | Glare & Solar Reduction    |
| F | Reflective Metal Texture   |
| G | Soft Movement / Drapery    |
| H | Security / Fall Protection |
| I | Acoustic / Porous Surface  |
| J | Low Maintenance / Durable  |

BY PRODUCT

|    |                      |
|----|----------------------|
| WM | Classic Woven Mesh   |
| CR | Cable & Rod Mesh     |
| CC | Chain Curtain        |
| SP | Spiral Mesh          |
| FC | Coiled Wire Fabric   |
| RM | Ring Mesh            |
| PH | Perforated Sheet     |
| EX | Expanded Metal       |
| LG | Laminated Glass Mesh |
| AF | Aluminum Foam        |



# Ten families for architectural surfaces.

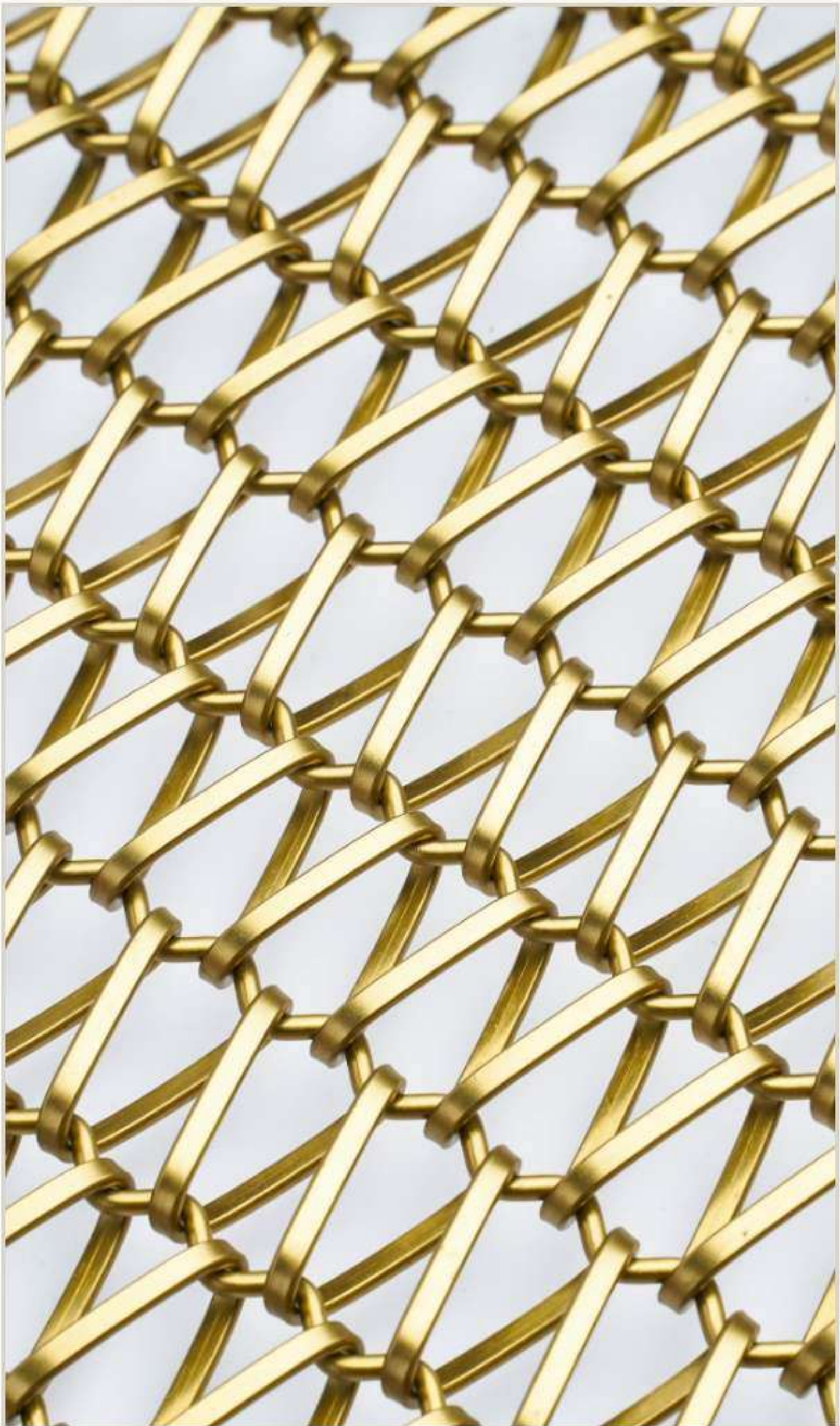
From rigid woven panels to flexible curtain systems, SGORIA gives projects a coordinated product range for facade skins, interior layers, shading, partitions and custom surface solutions.



**Classic Woven Mesh**  
SG-WM



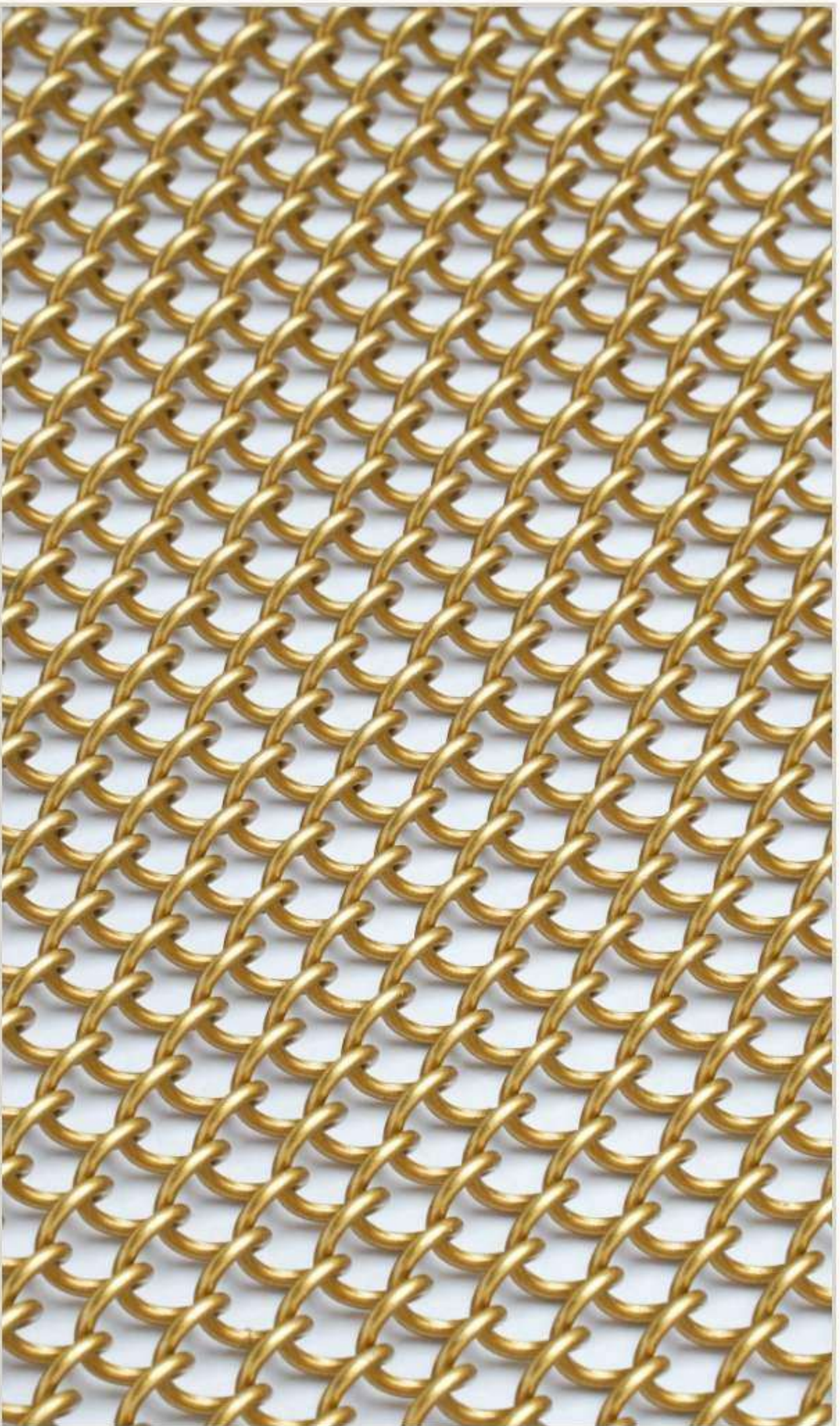
**Cable & Rod Mesh**  
SG-CR



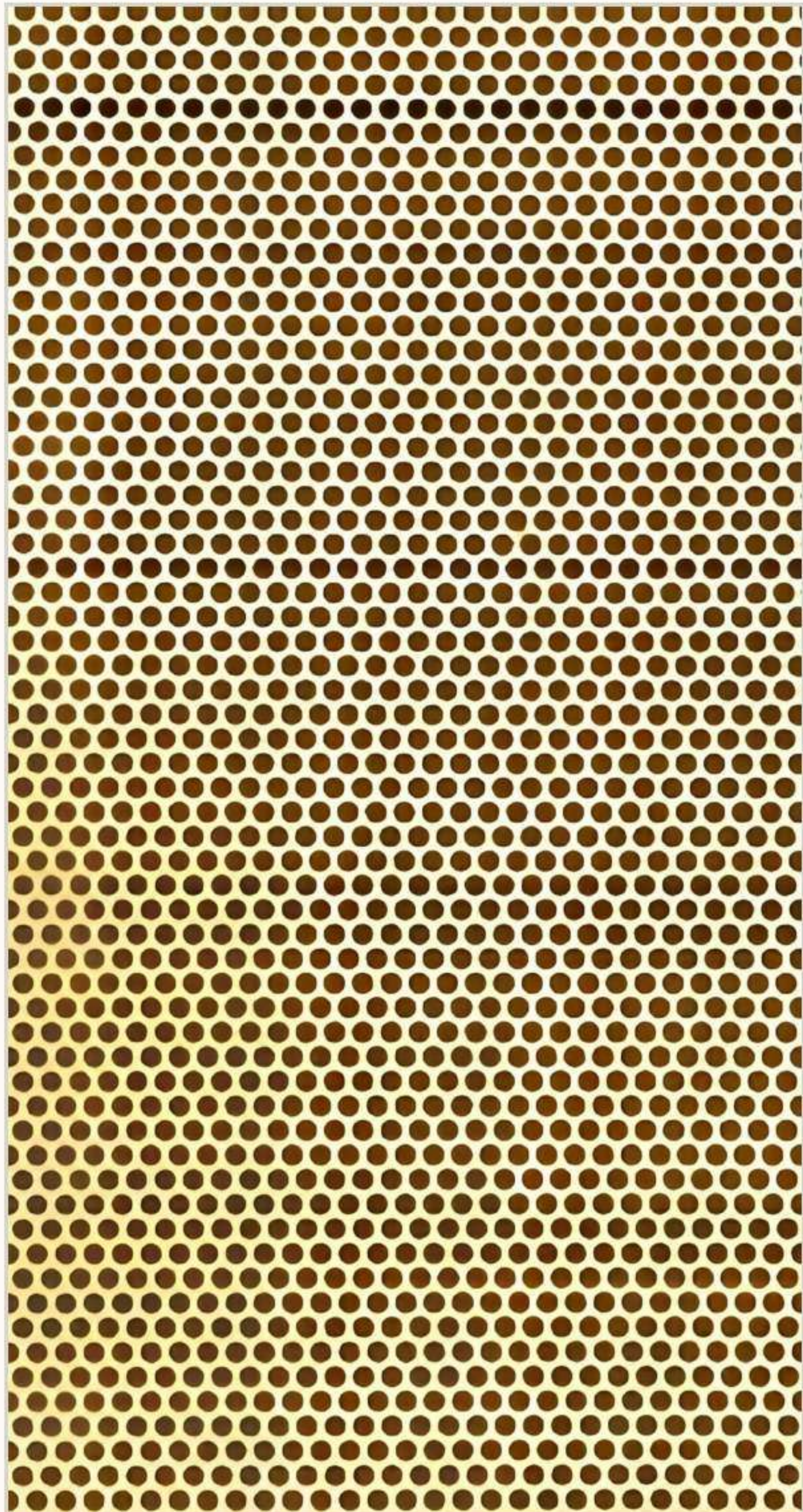
**Spiral Mesh**  
SG-SP



**Chain Curtain**  
SG-CC



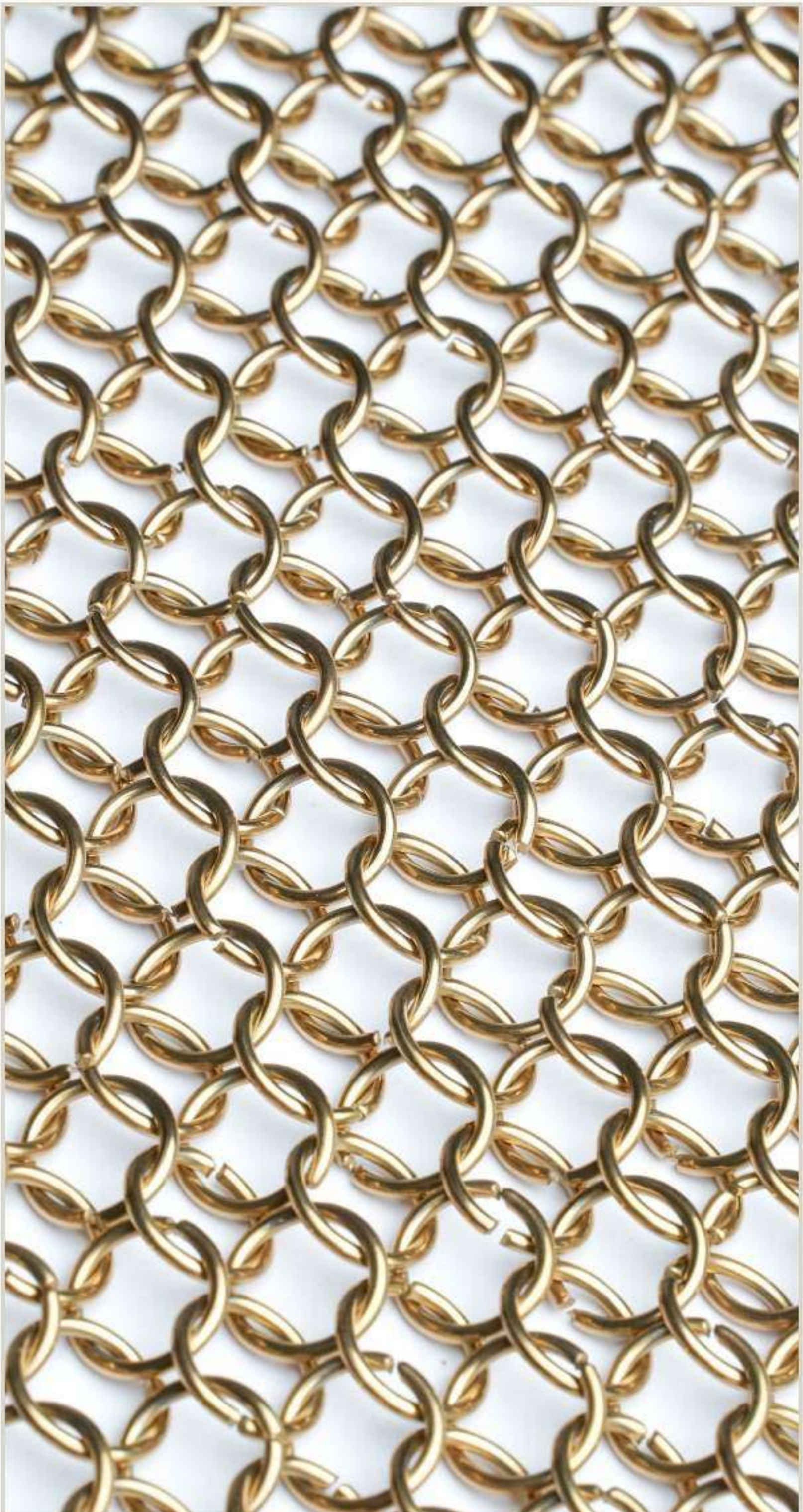
**Coiled Wire Fabric**  
SG-FC



**Perforated Sheet**  
SG-PH



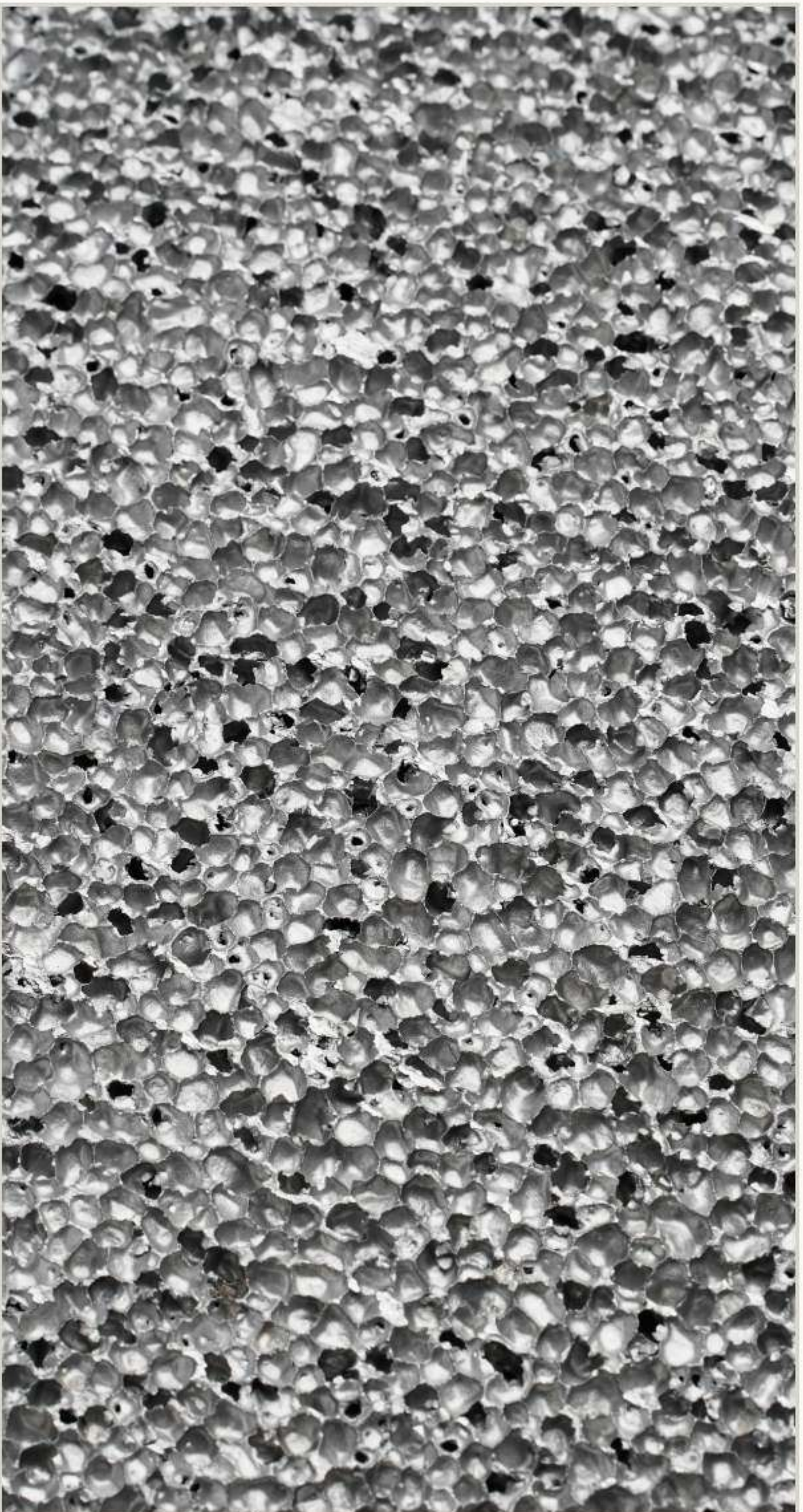
**Expanded Metal**  
SG-EX



**Ring Mesh**  
SG-RM



**Laminated Glass Mesh**  
SG-LG



**Aluminum Foam**  
SG-AF



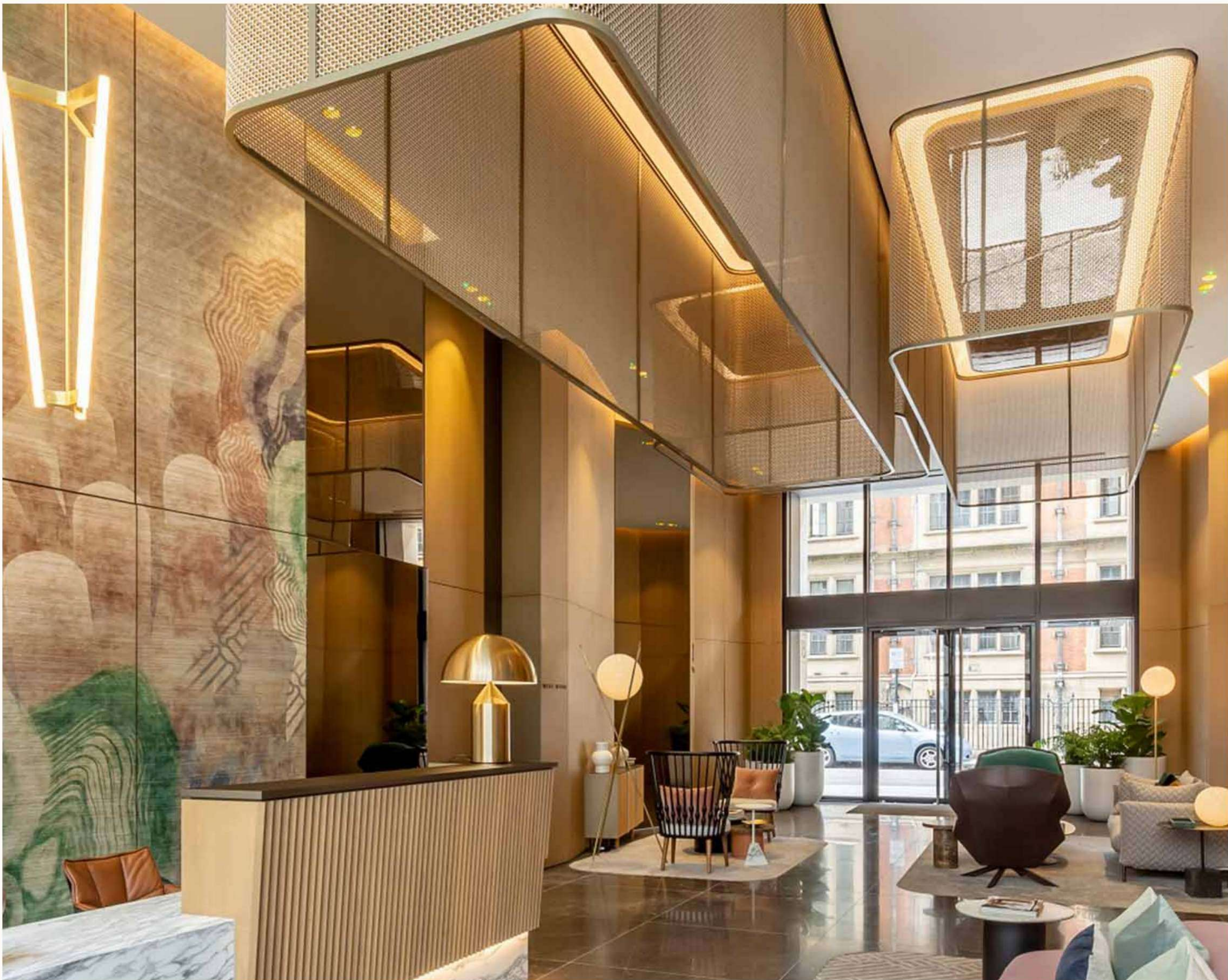


SG-WM / CLASSIC WOVEN MESH

# Classic woven structure for architectural surfaces.

With more than one hundred standard and project-developed models, SG-WM supports precise selection across facades, interiors, partitions, wall cladding and feature surfaces.

SGORIA can adjust wire profile, opening, density, material, finish and panel size to match visual intent, transparency, budget and installation direction.

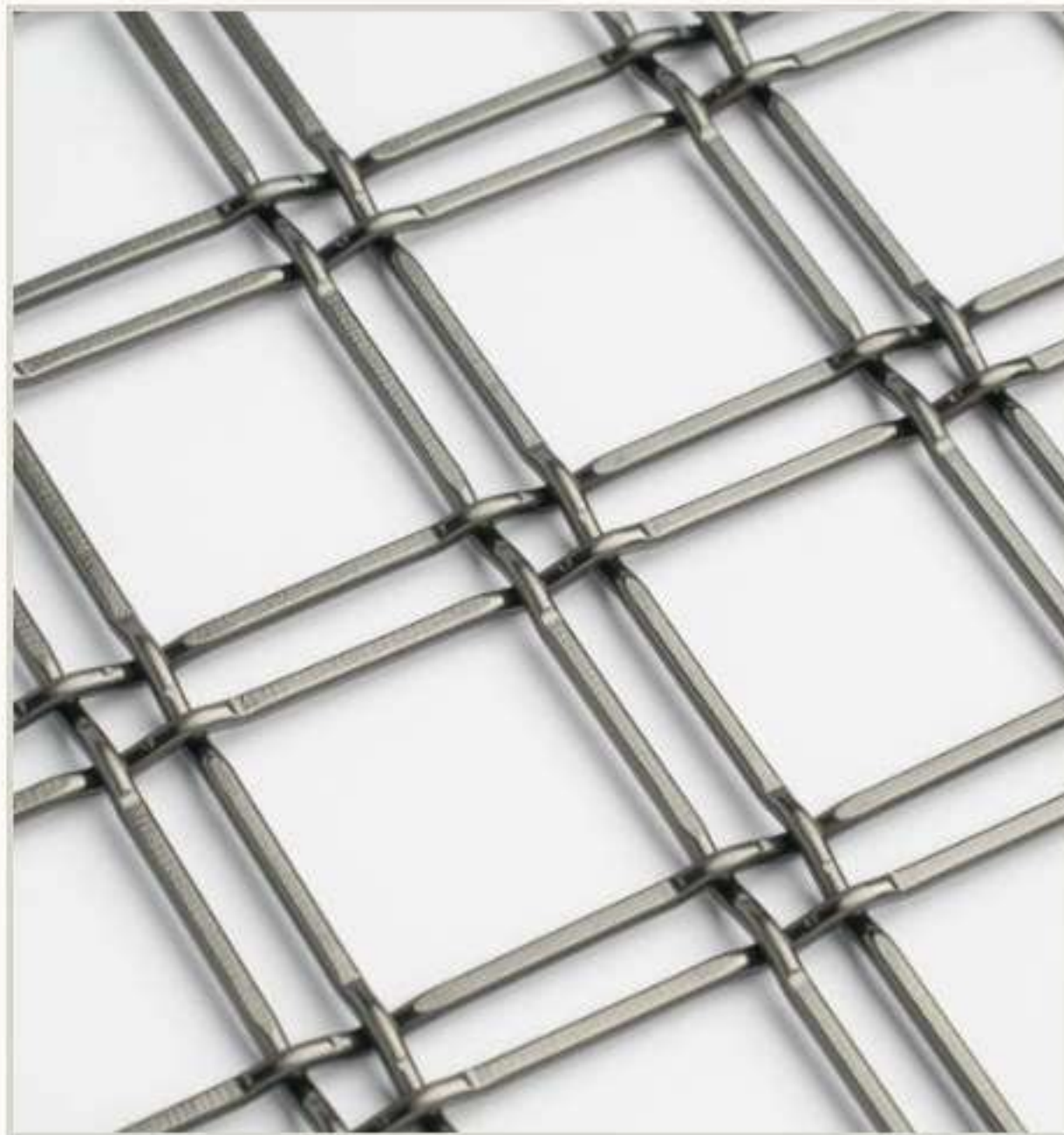
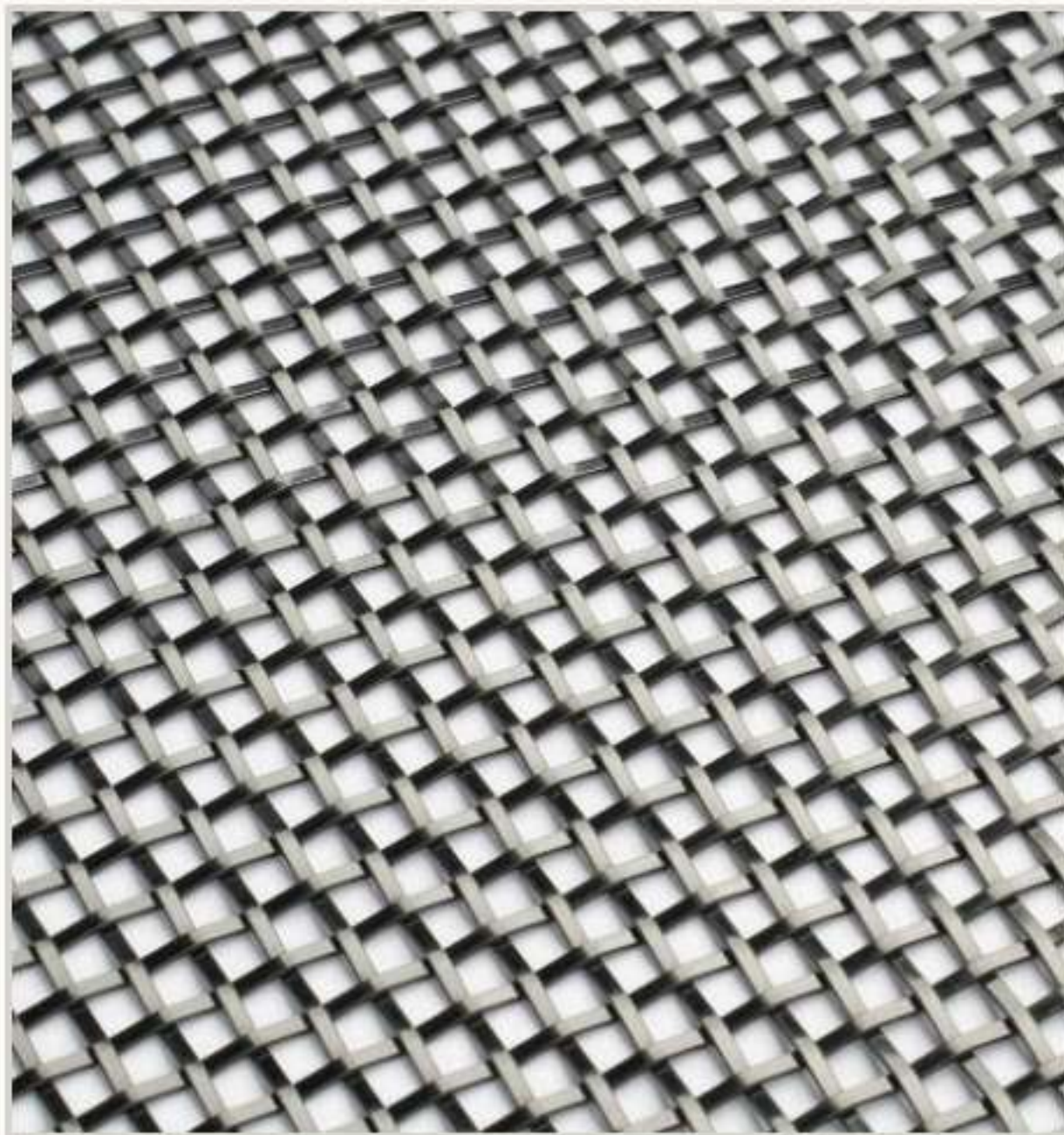
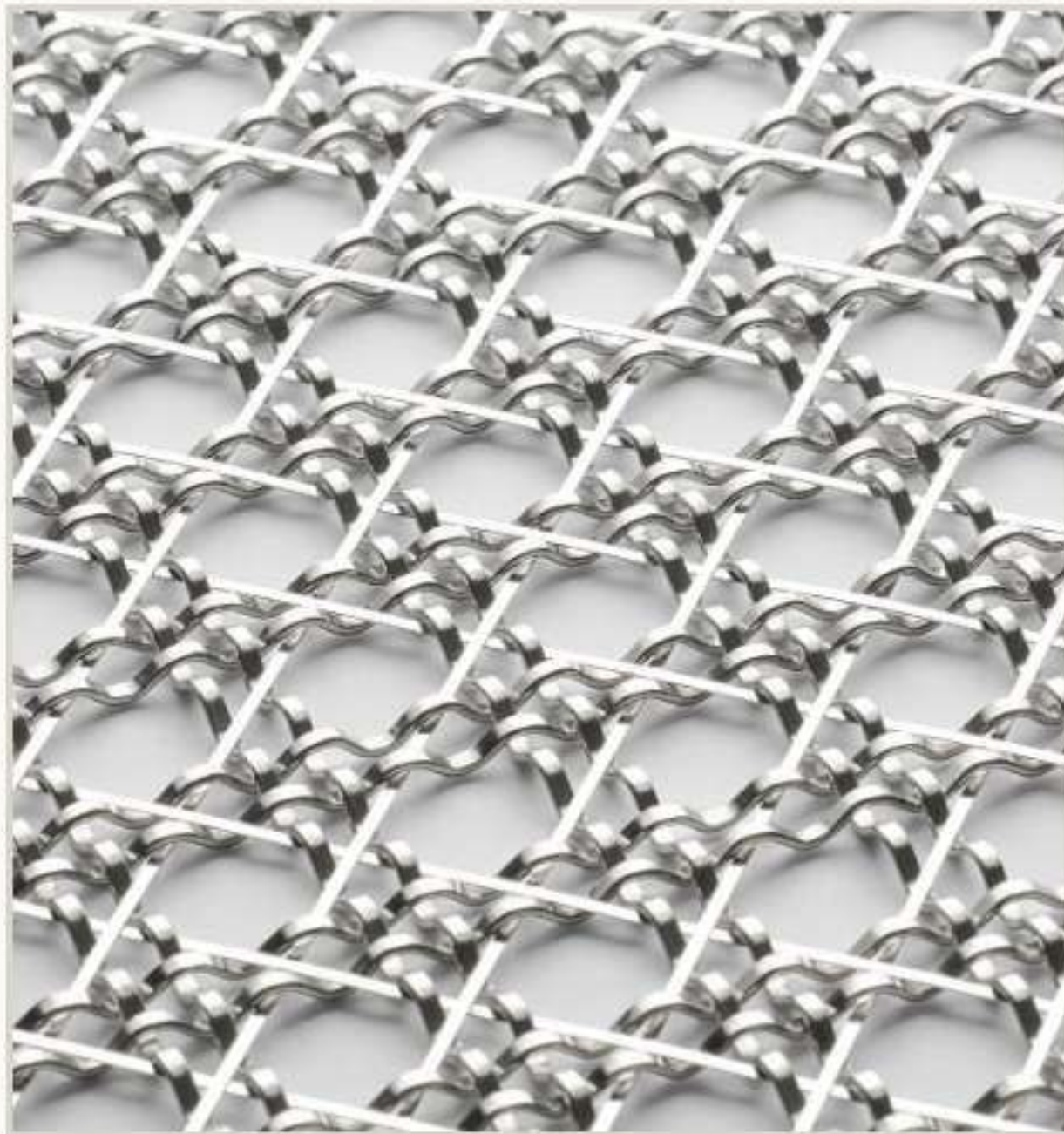
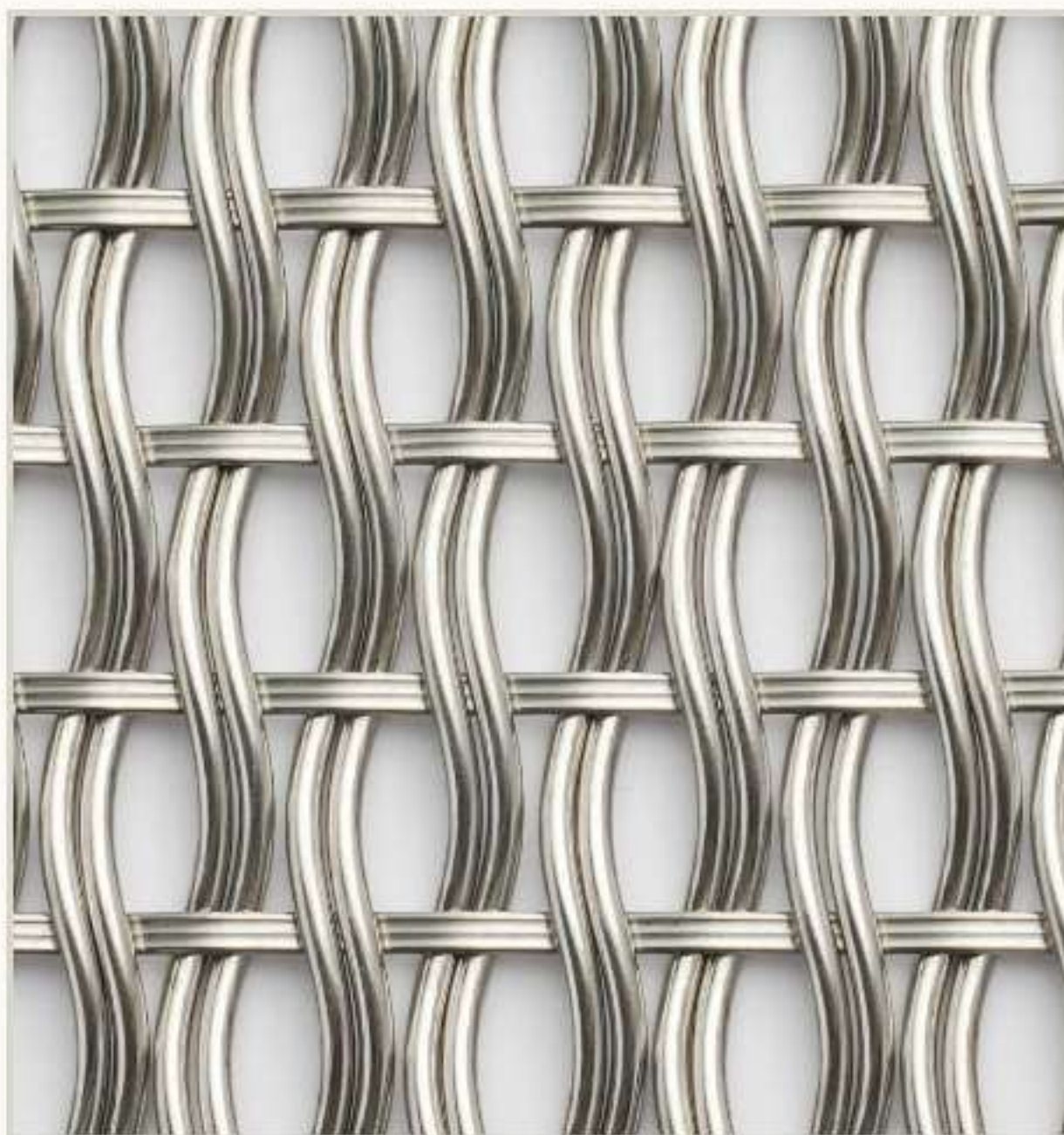
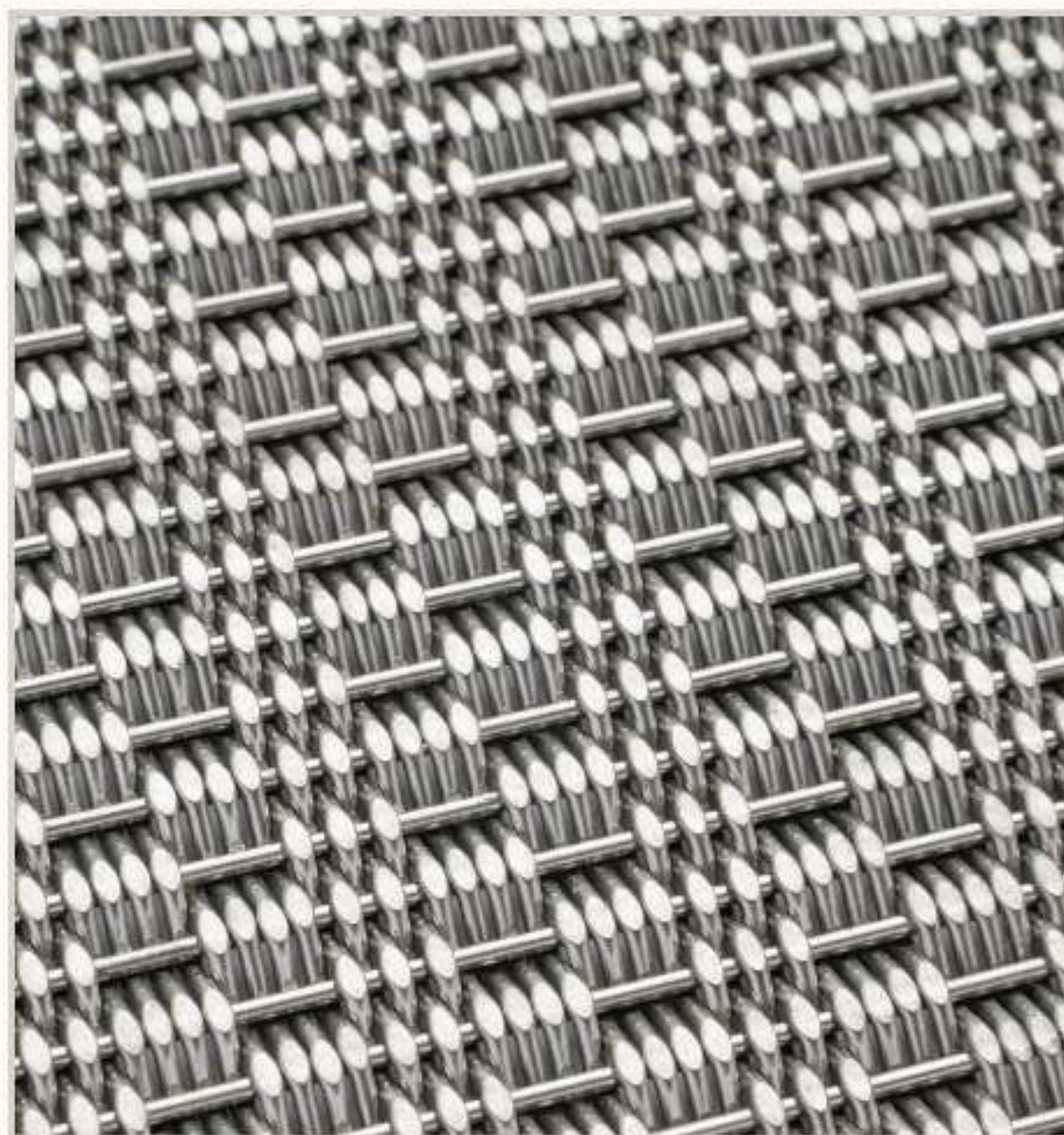
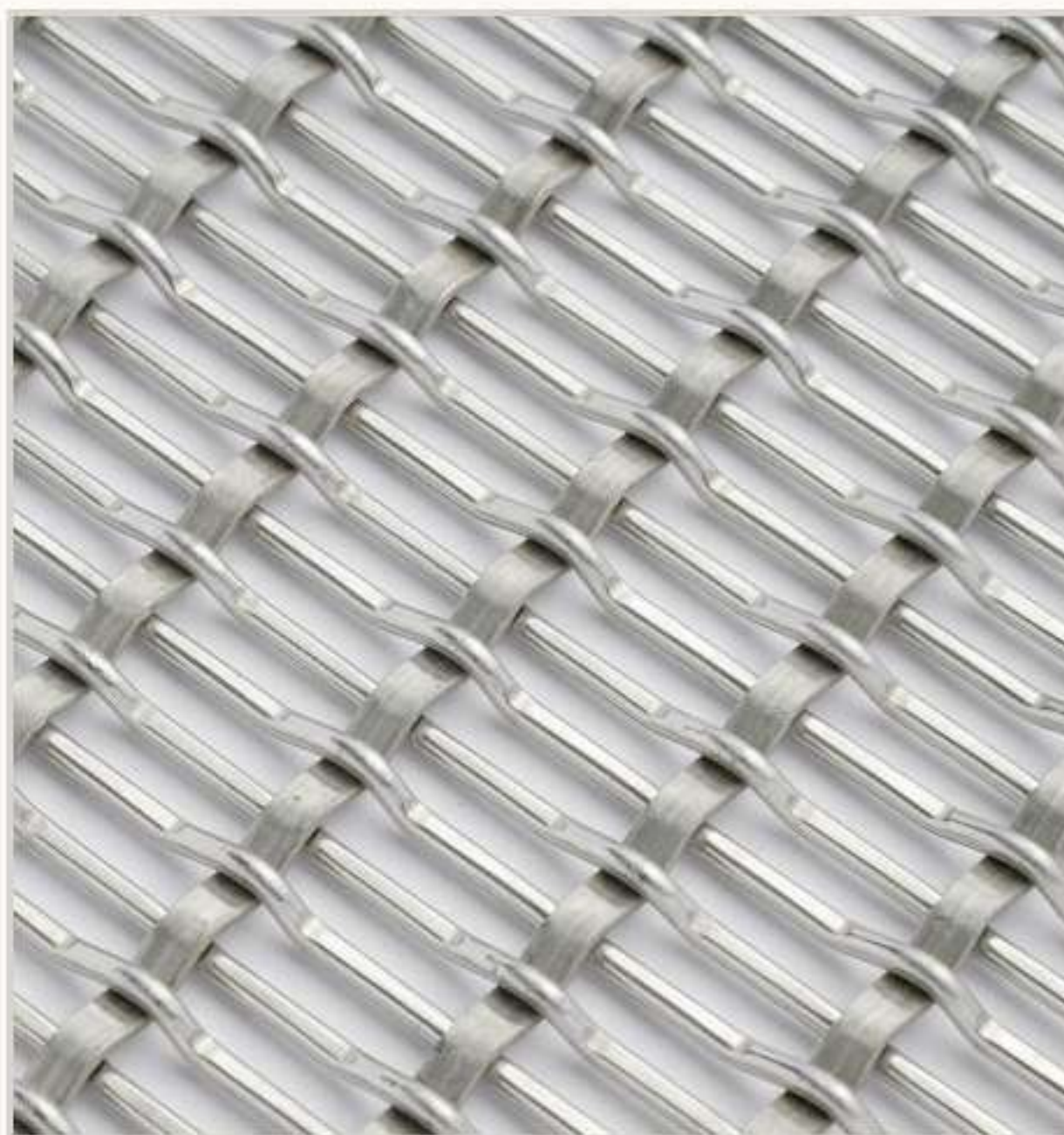
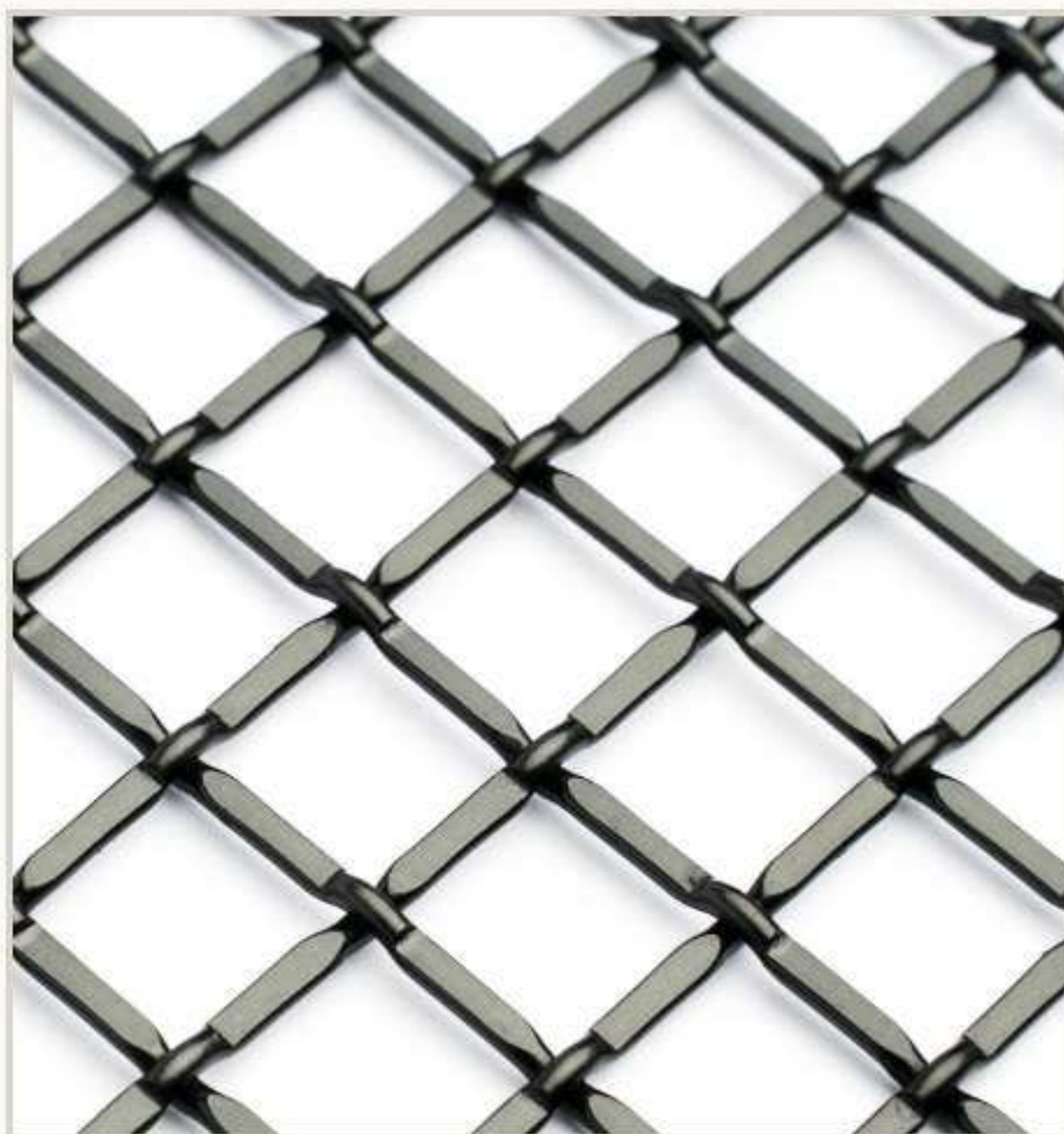
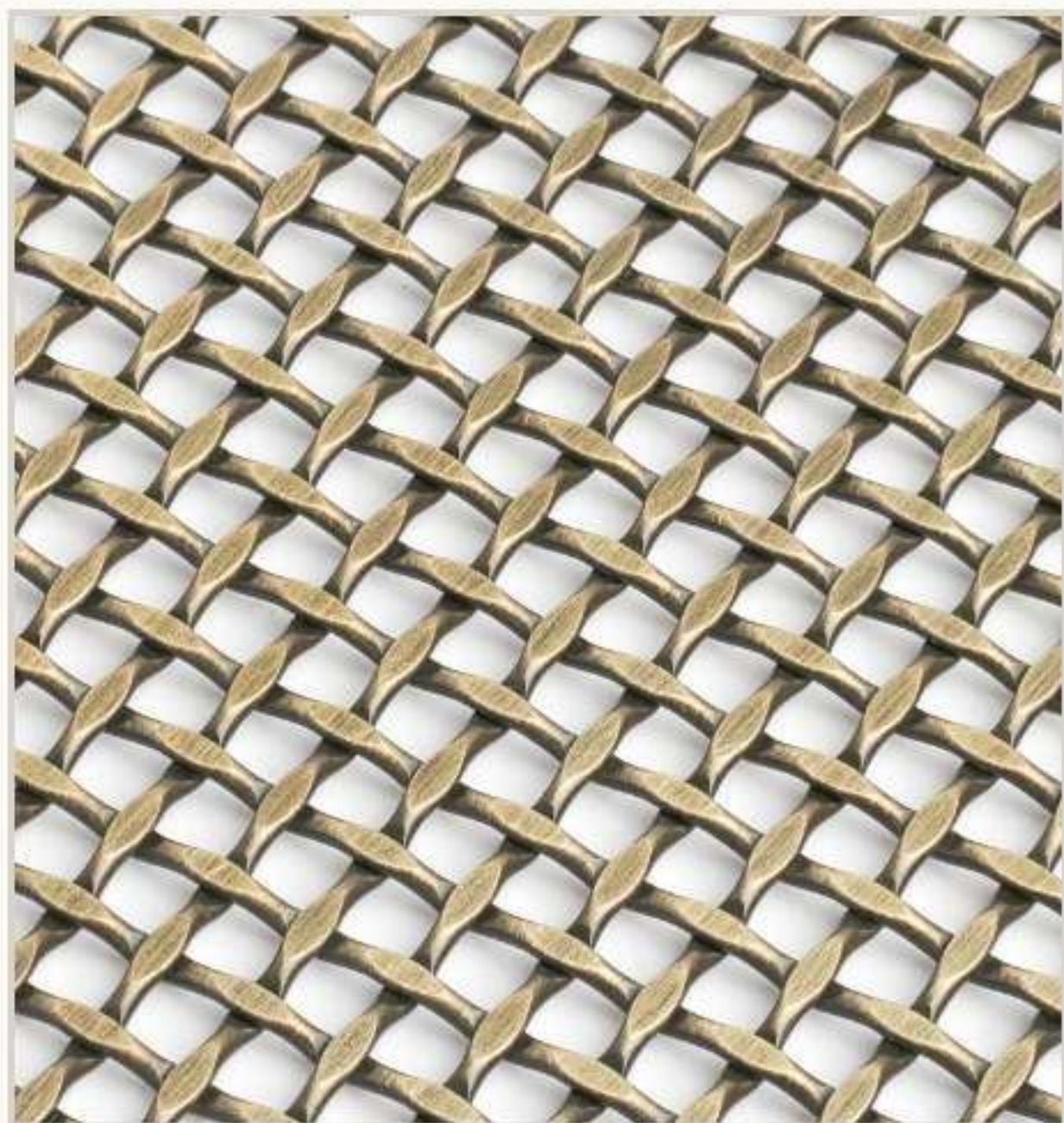
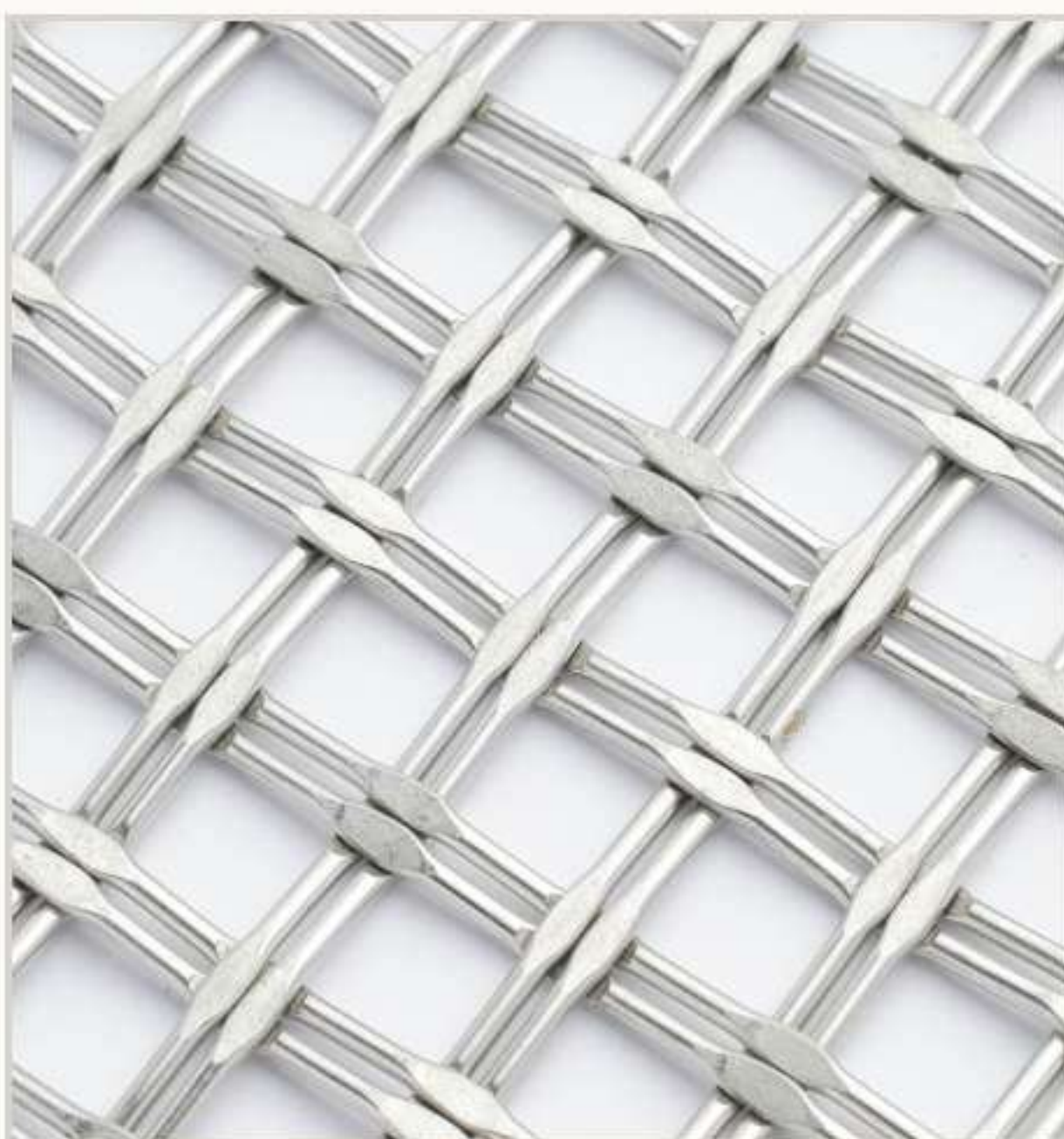
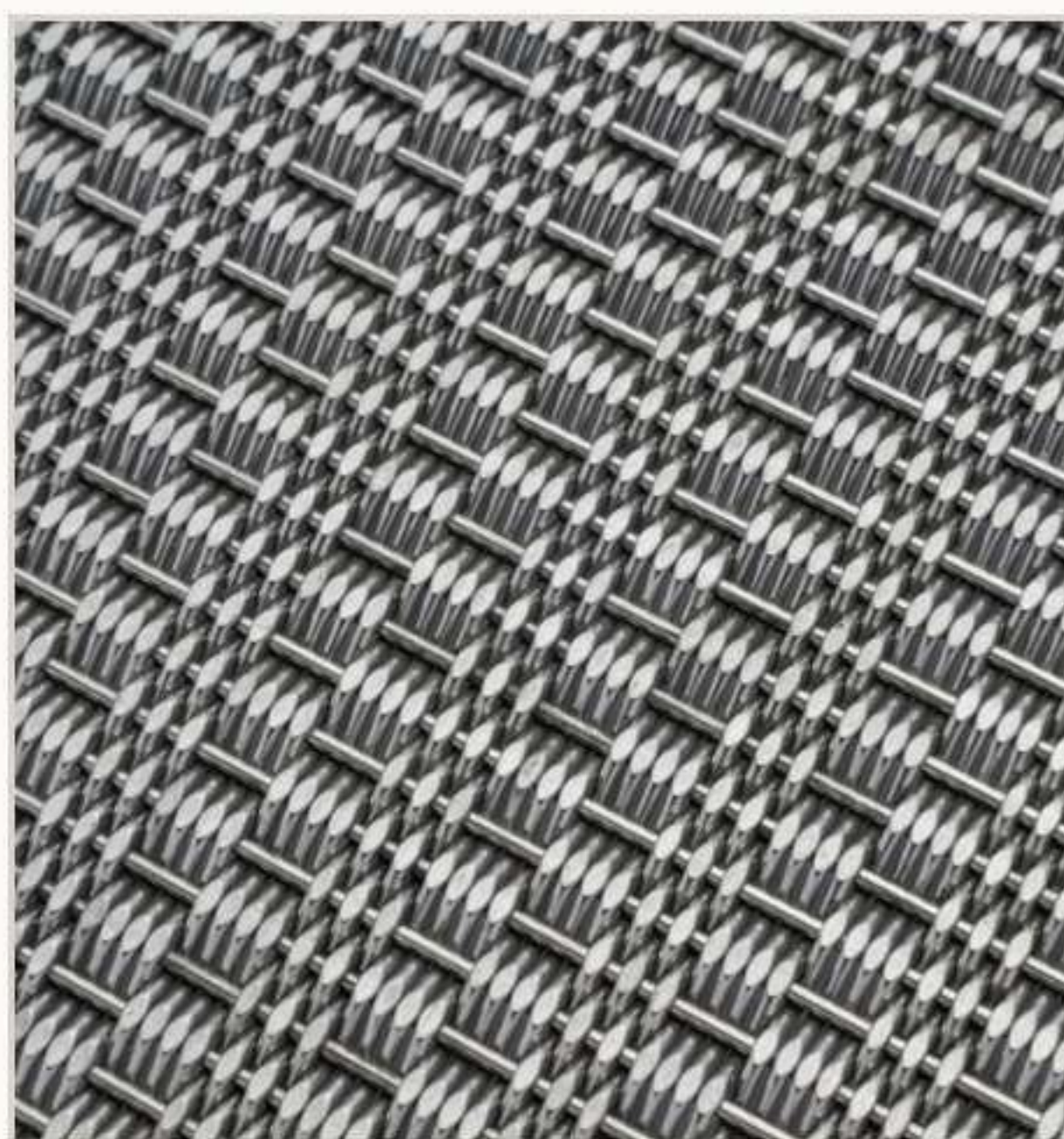
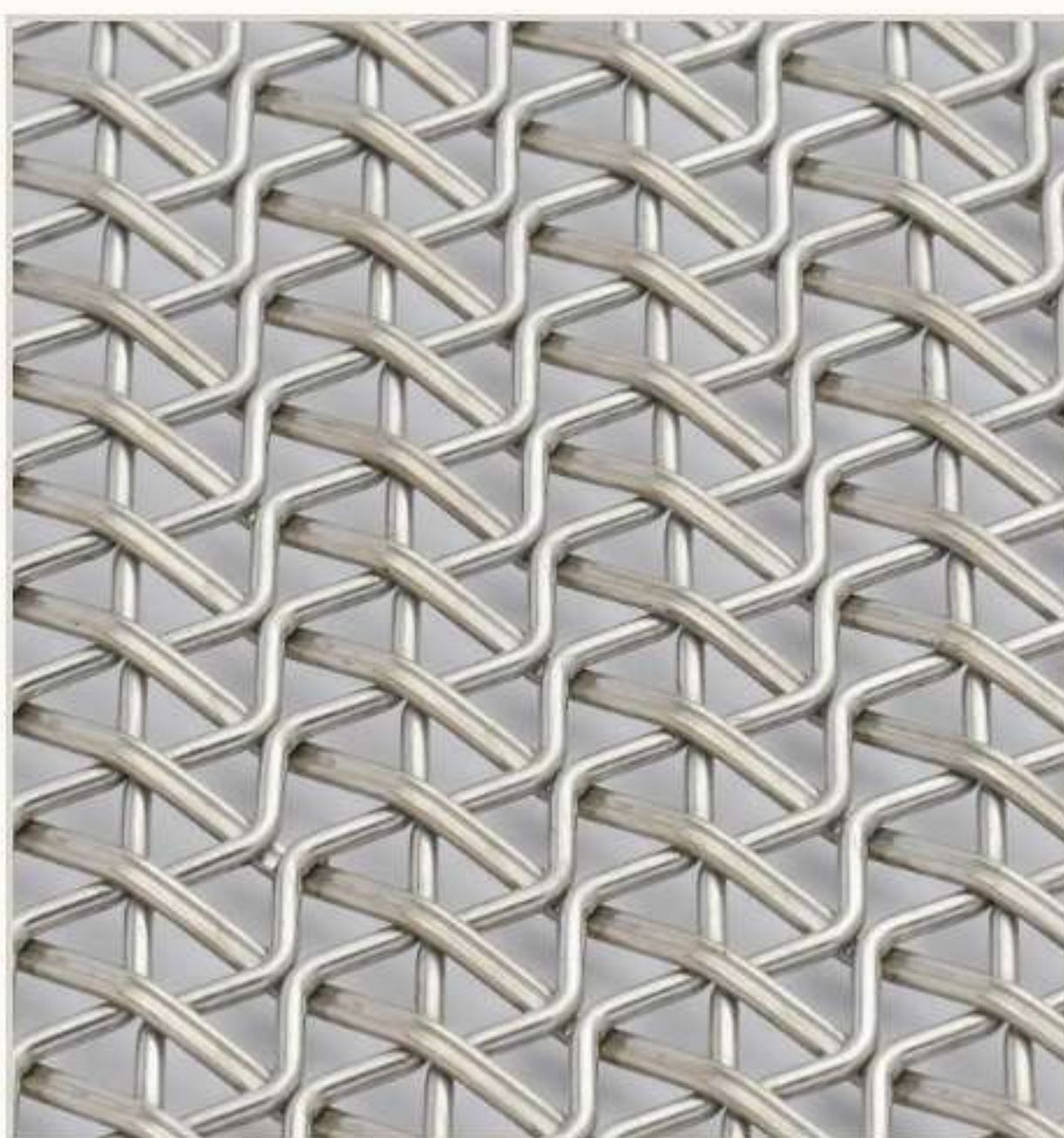
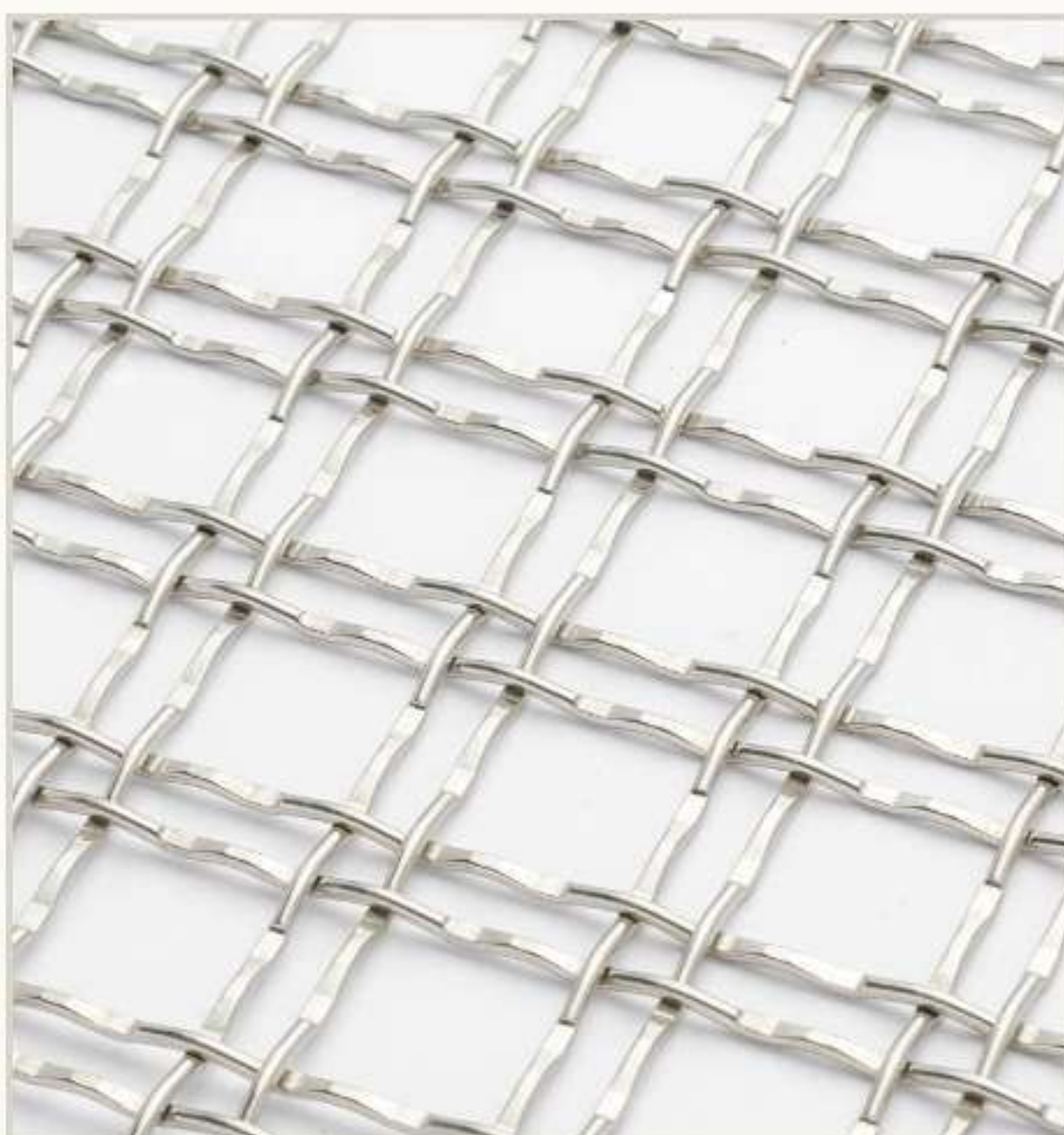


| APPLICATIONS                               | VISUAL EFFECT                 | MATERIALS                      | SGORIA ADVANTAGE                                                  |
|--------------------------------------------|-------------------------------|--------------------------------|-------------------------------------------------------------------|
| Facade, partition, wall, ceiling, elevator | Textured, precise, structured | Stainless steel, copper, brass | Wide model library, custom patterns and project selection support |



Fine to medium  
SG-WM woven  
textures for  
controlled  
transparency.

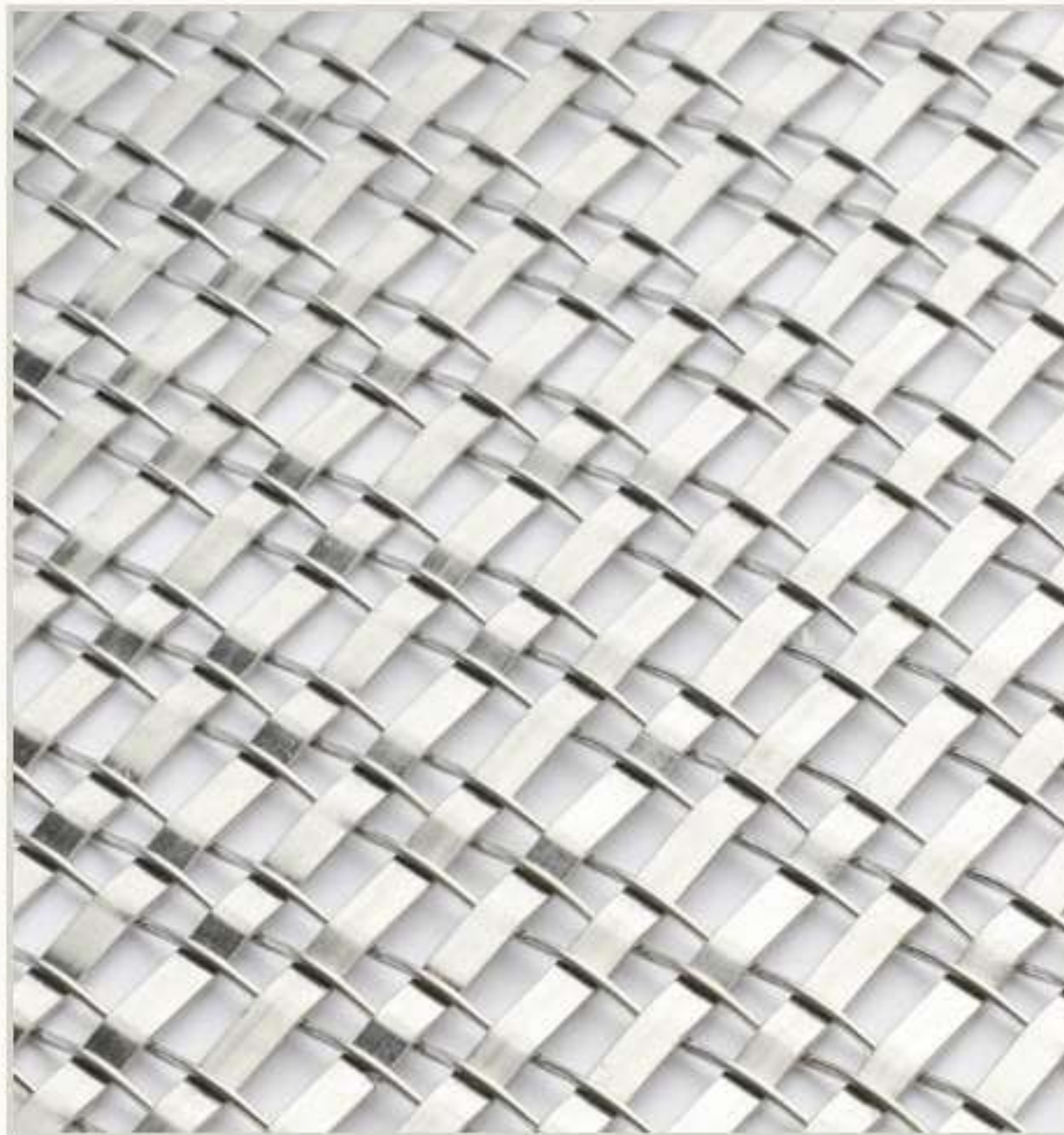
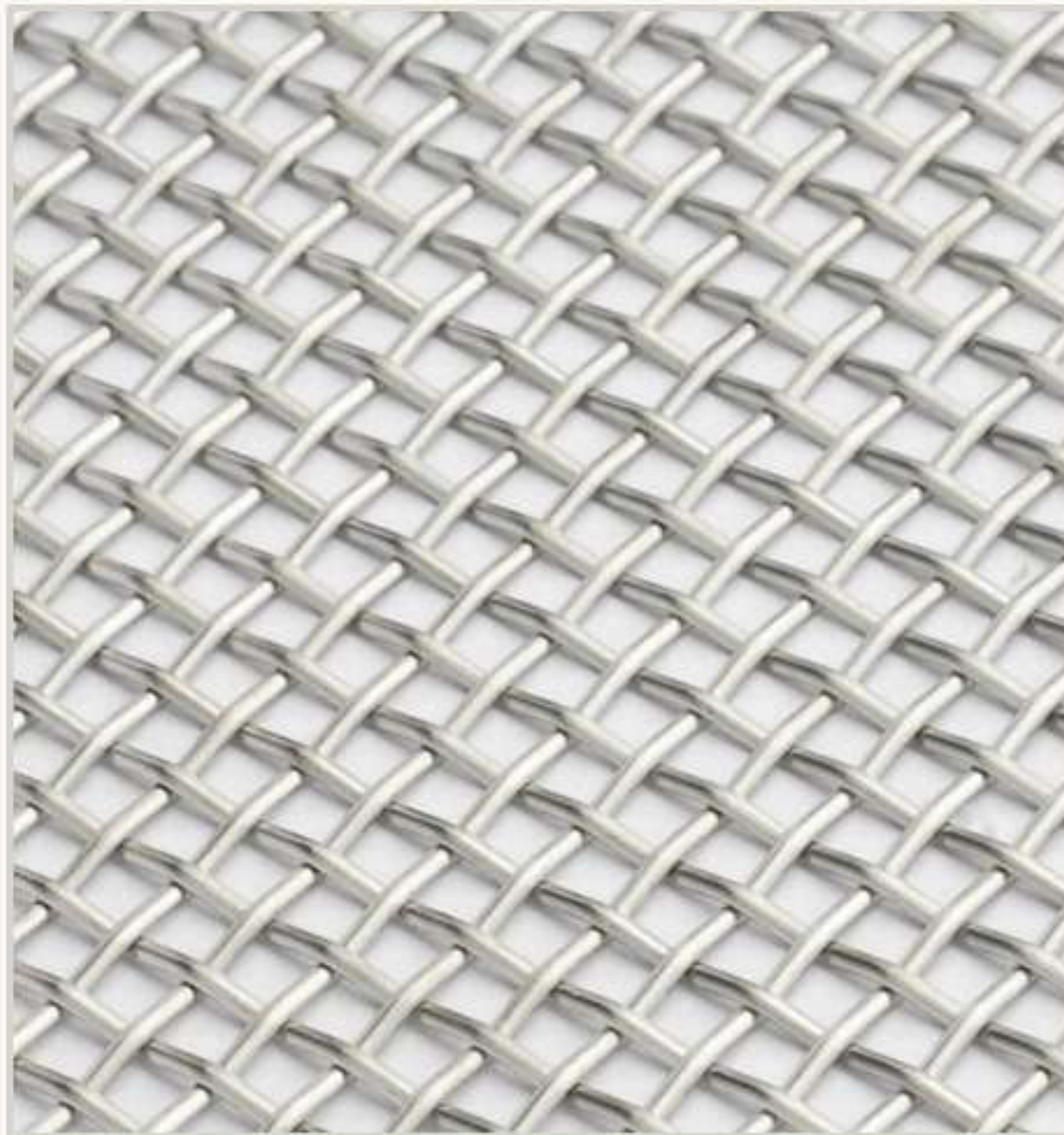
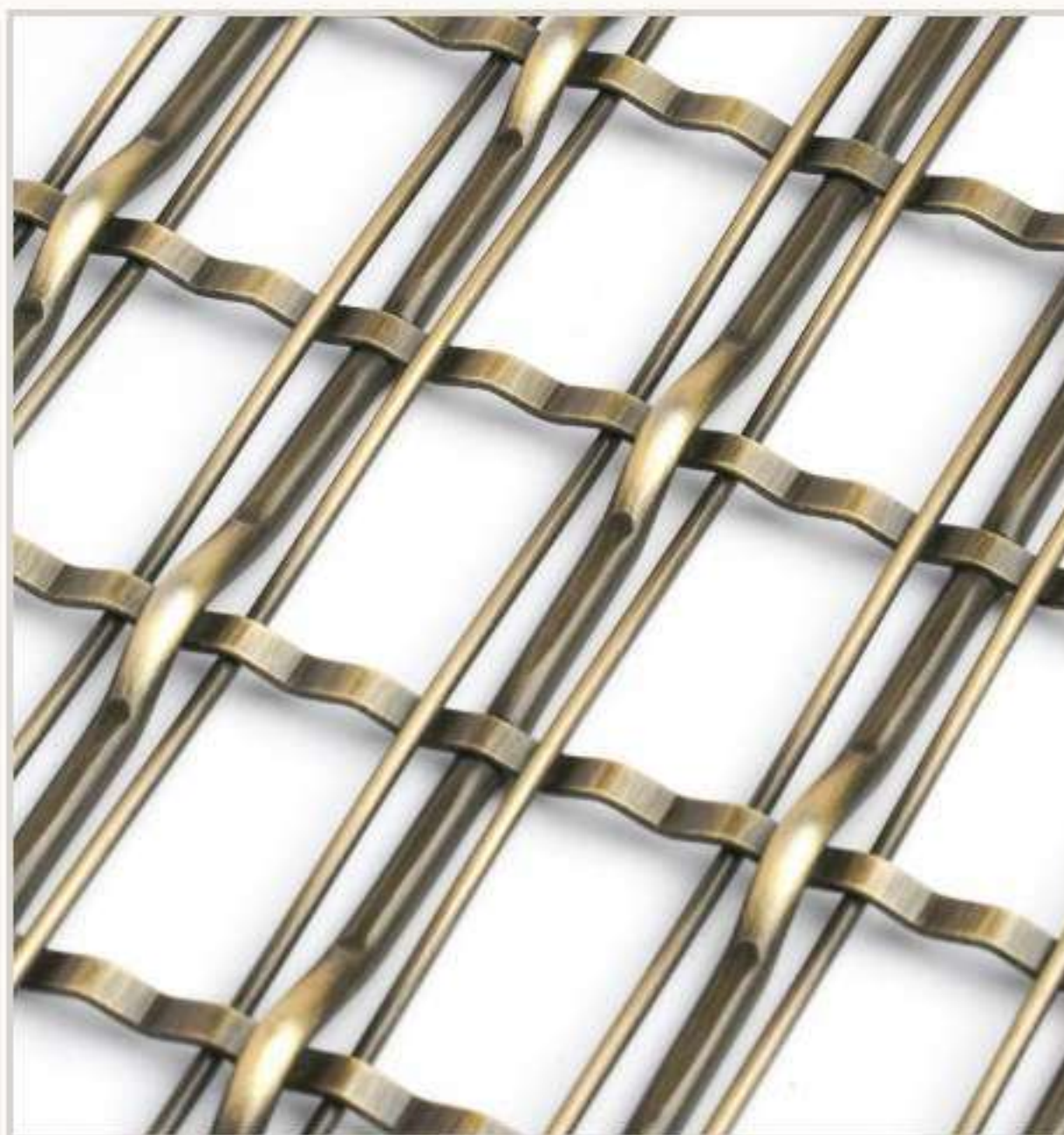
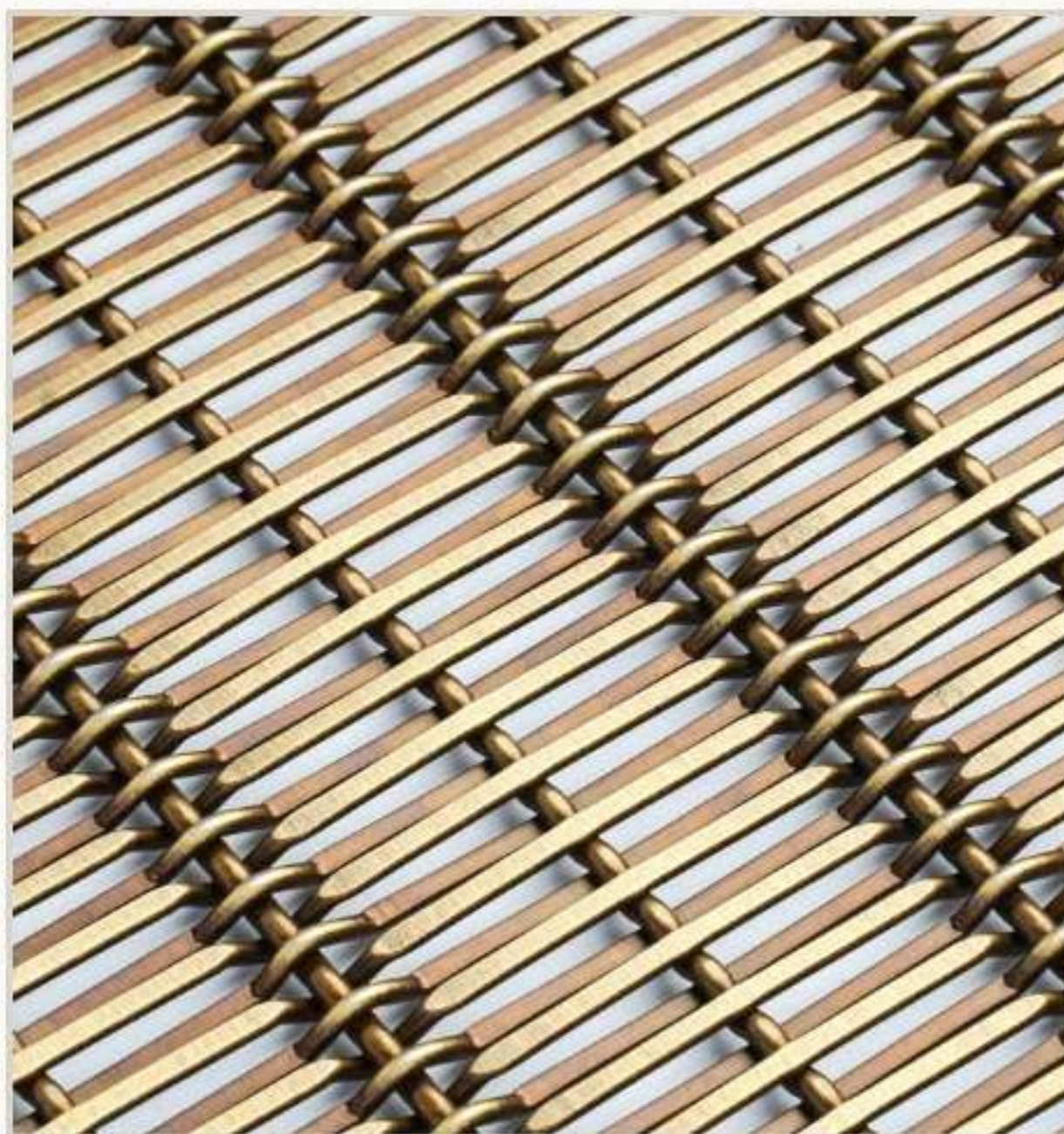
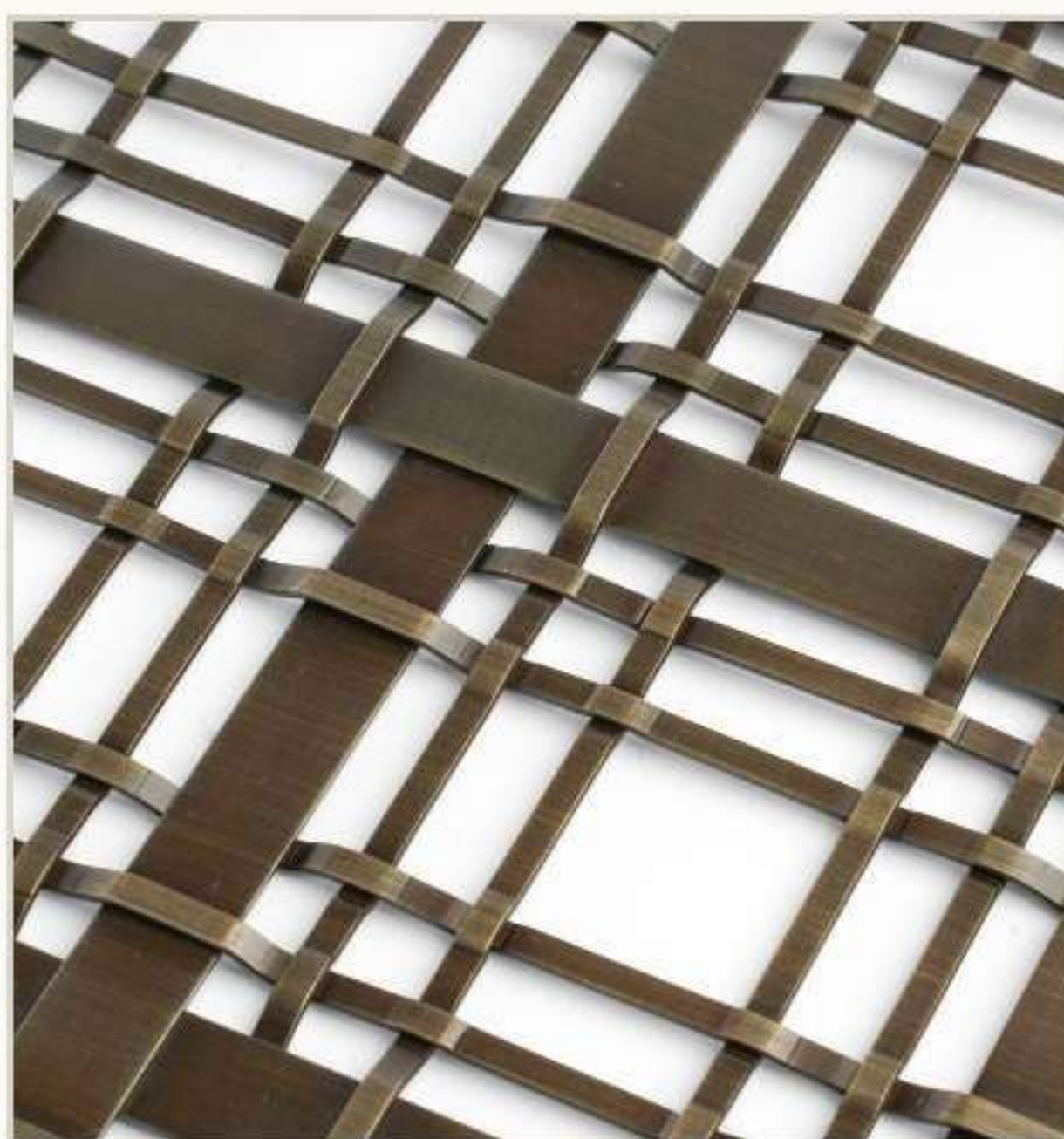
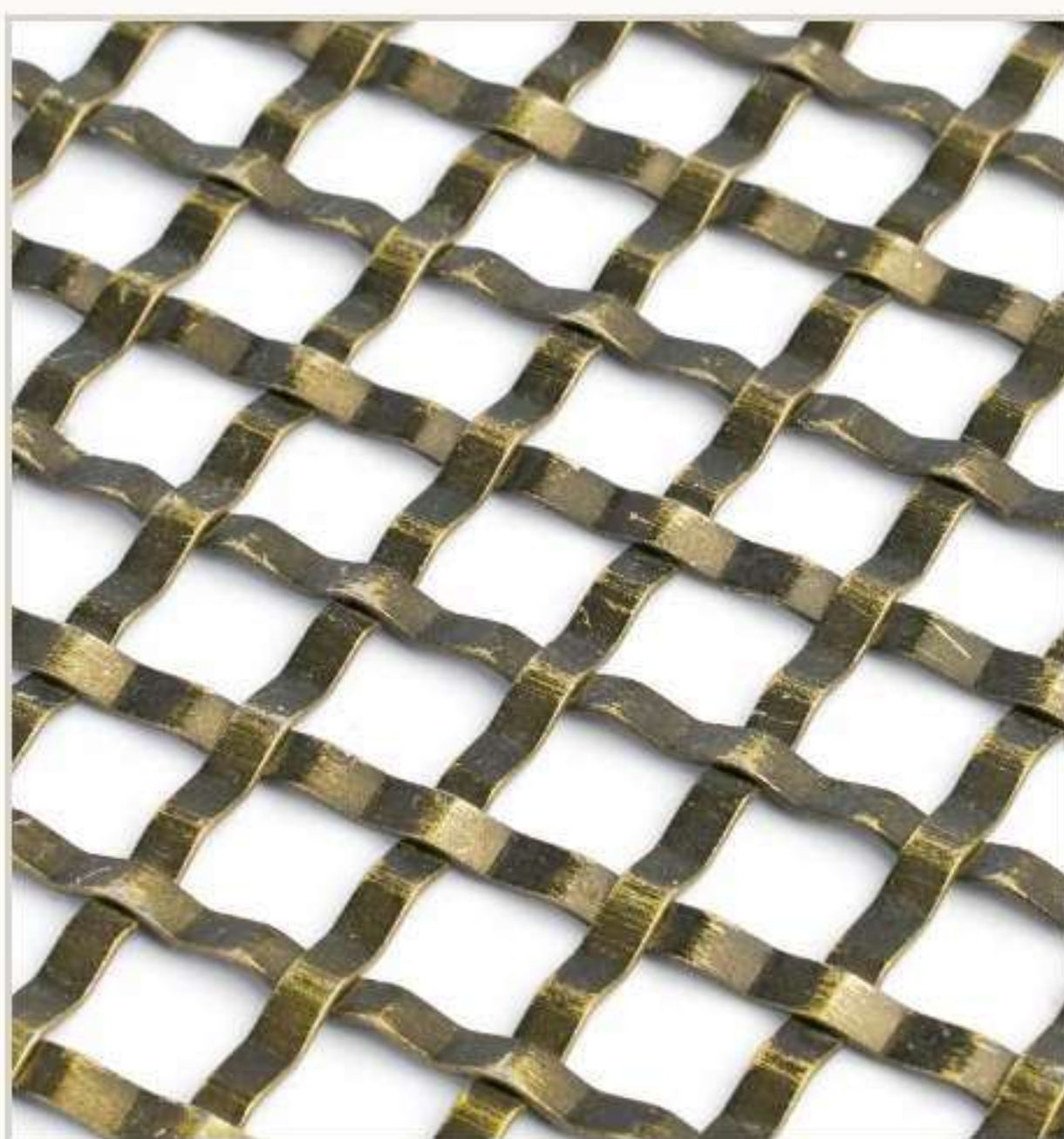
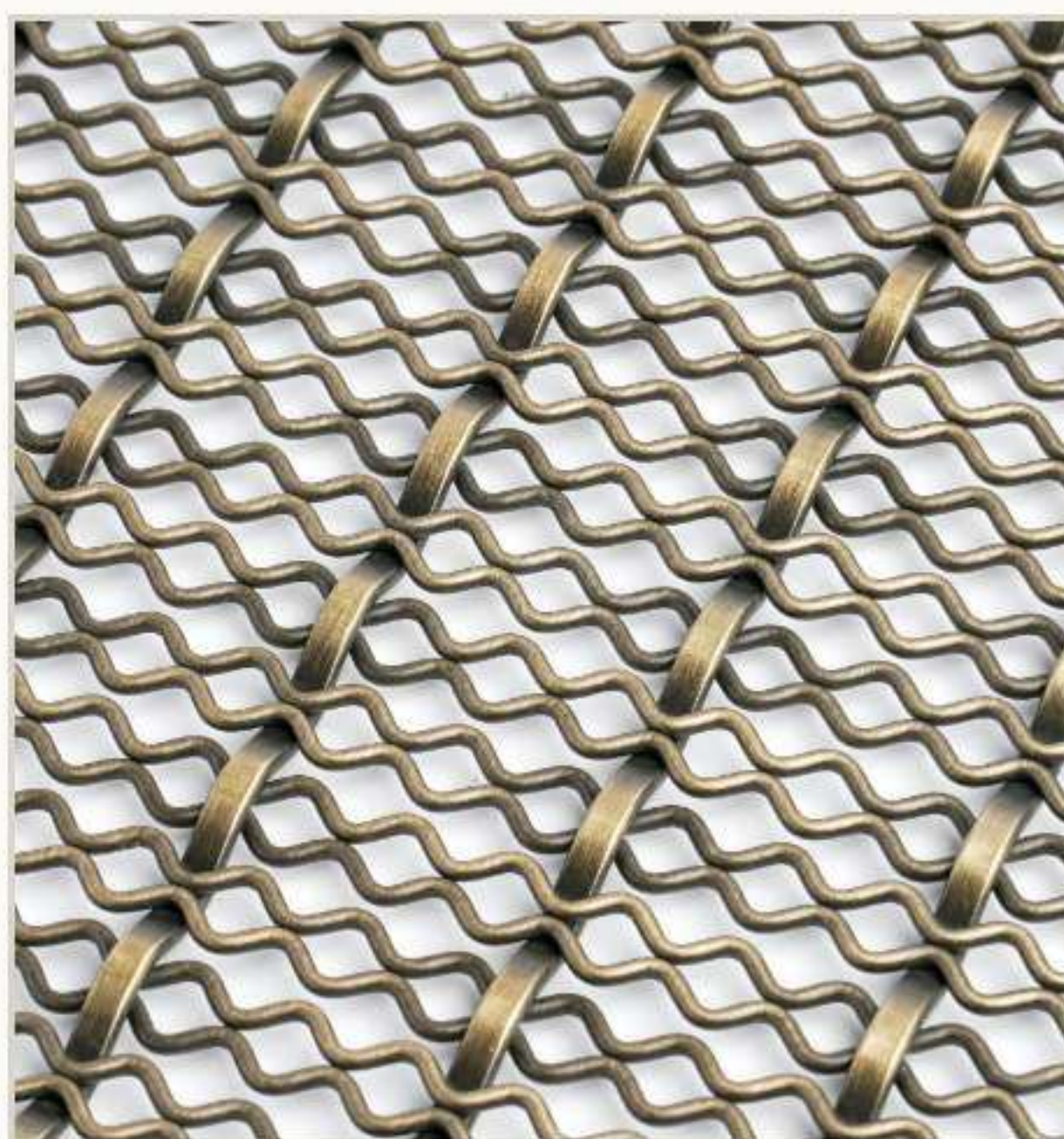
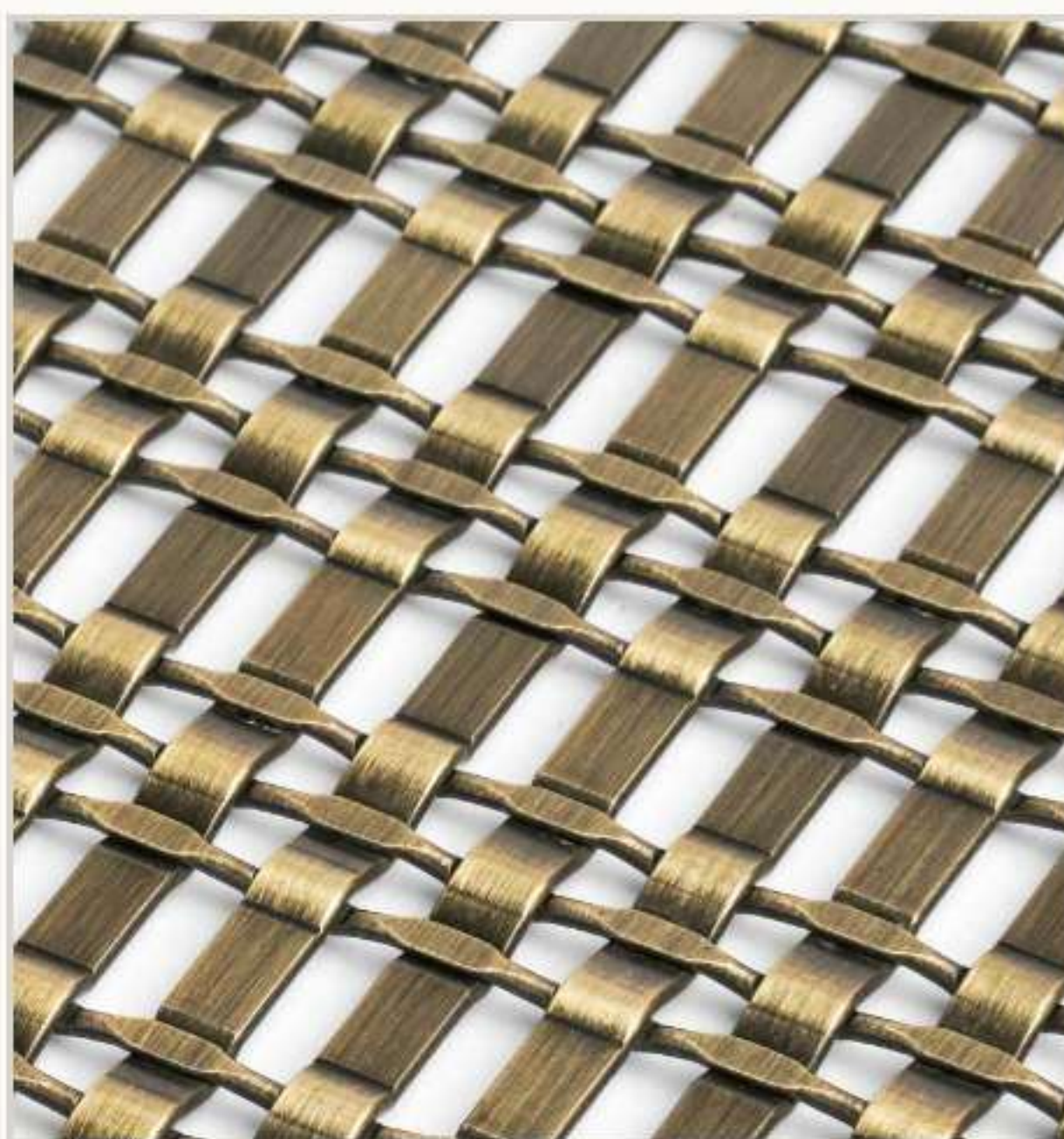
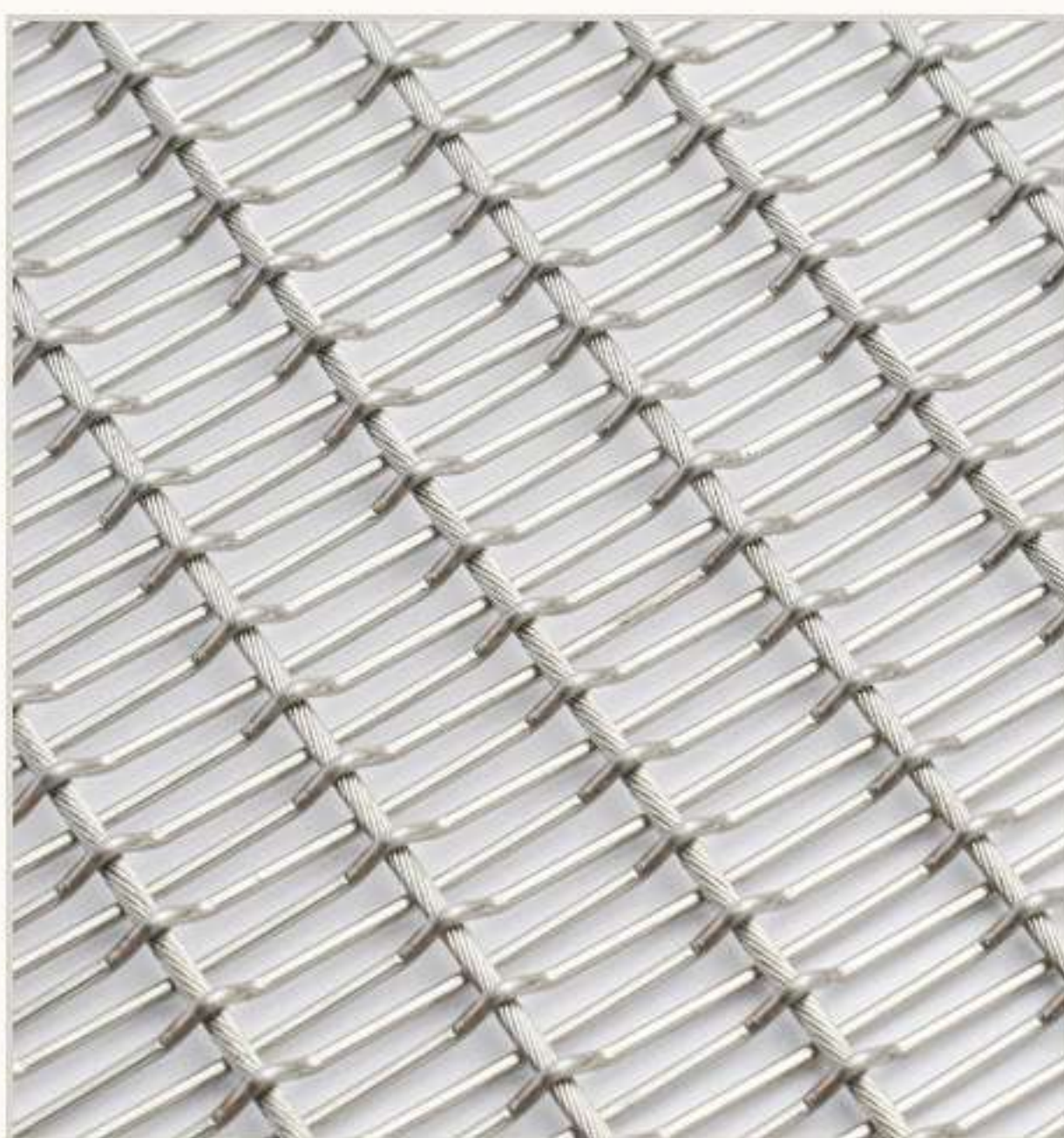
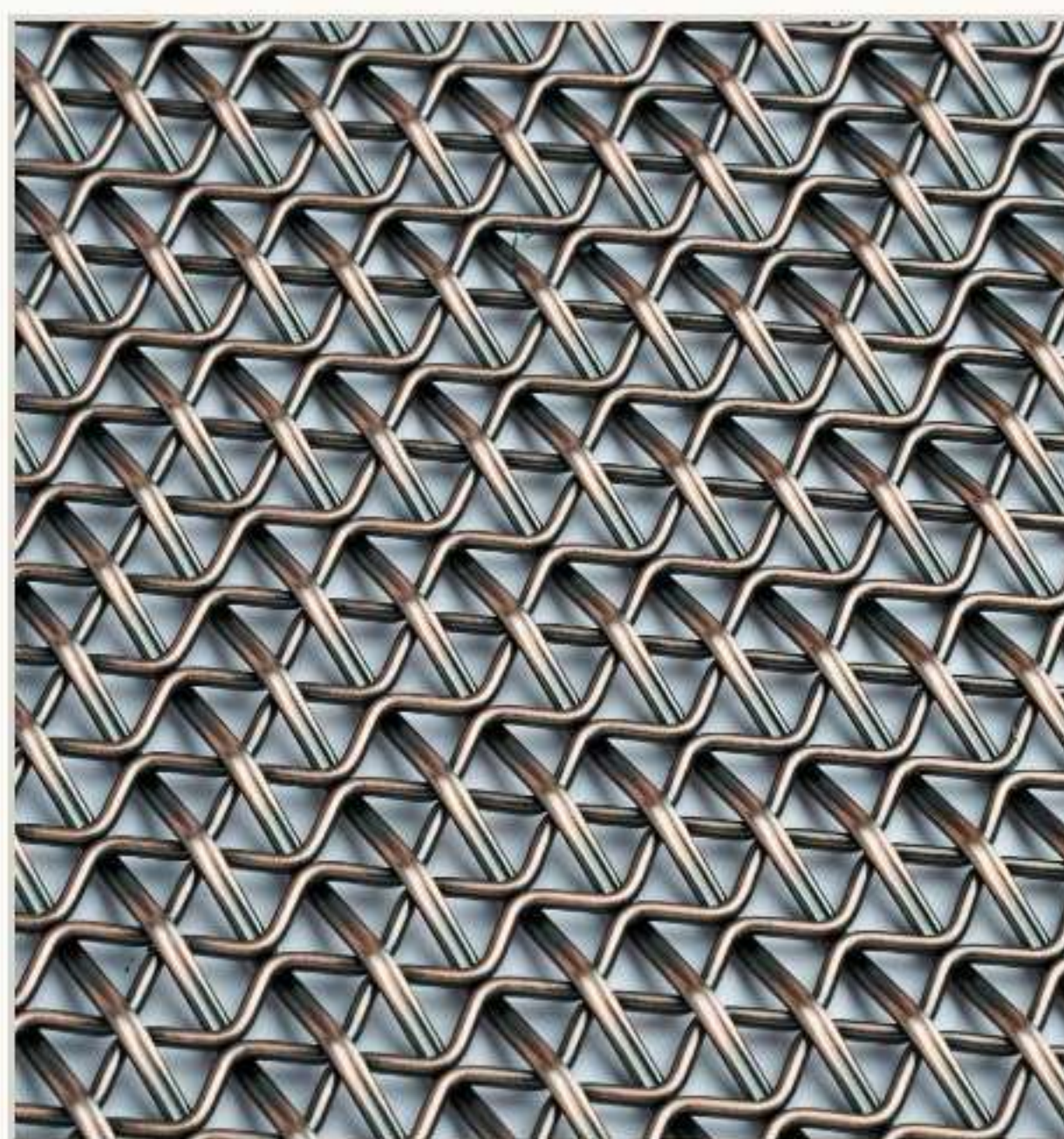
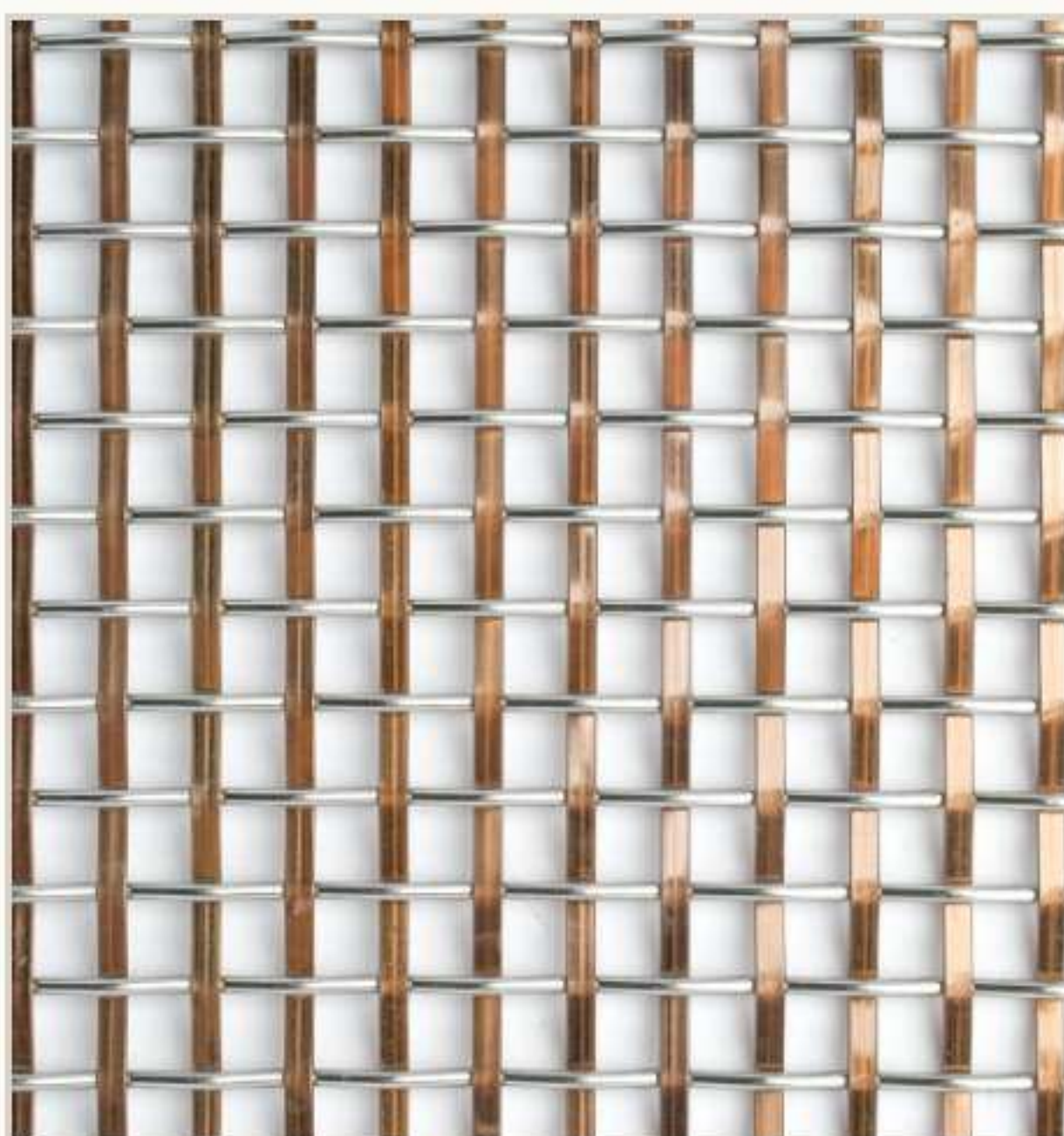
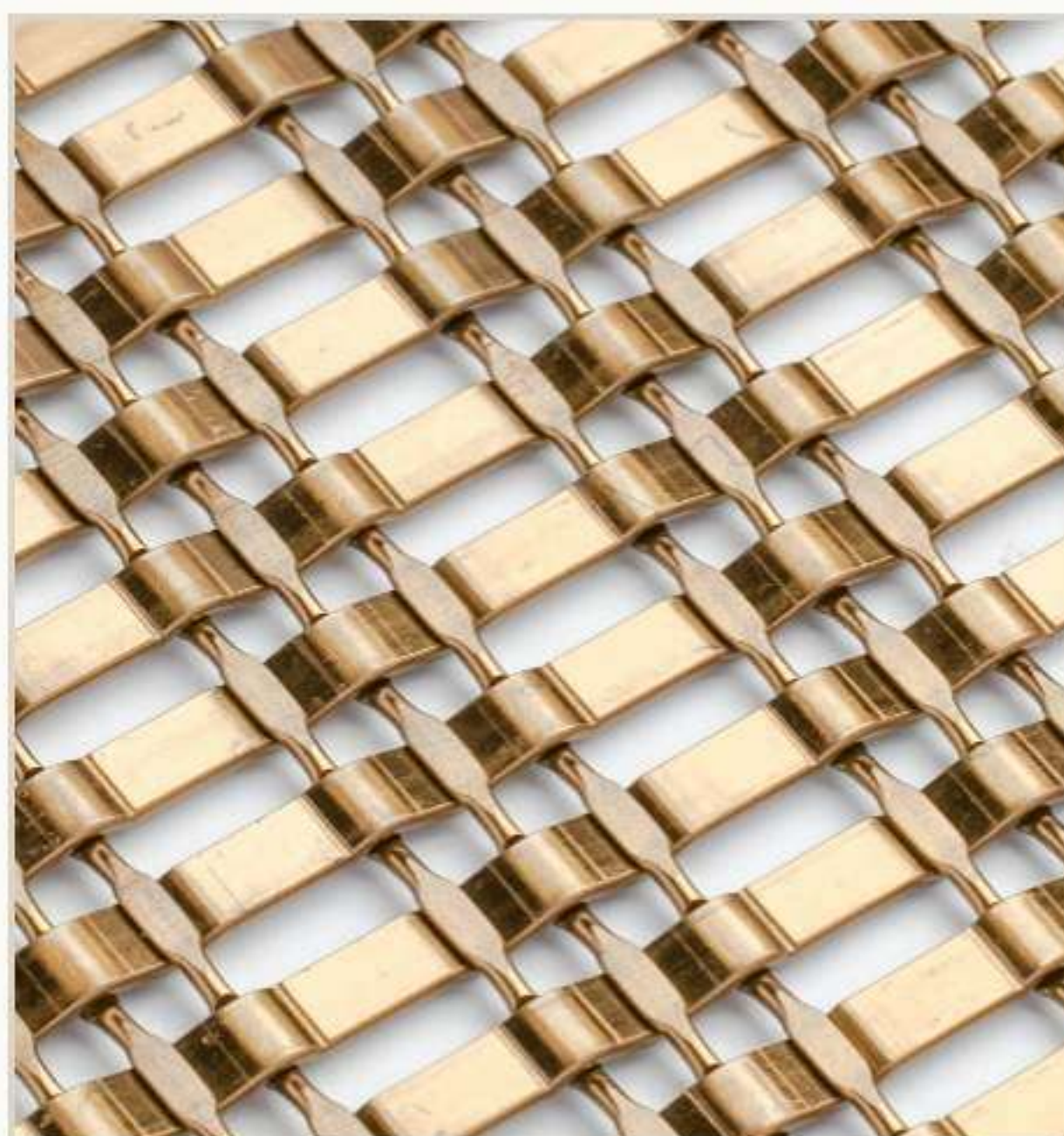
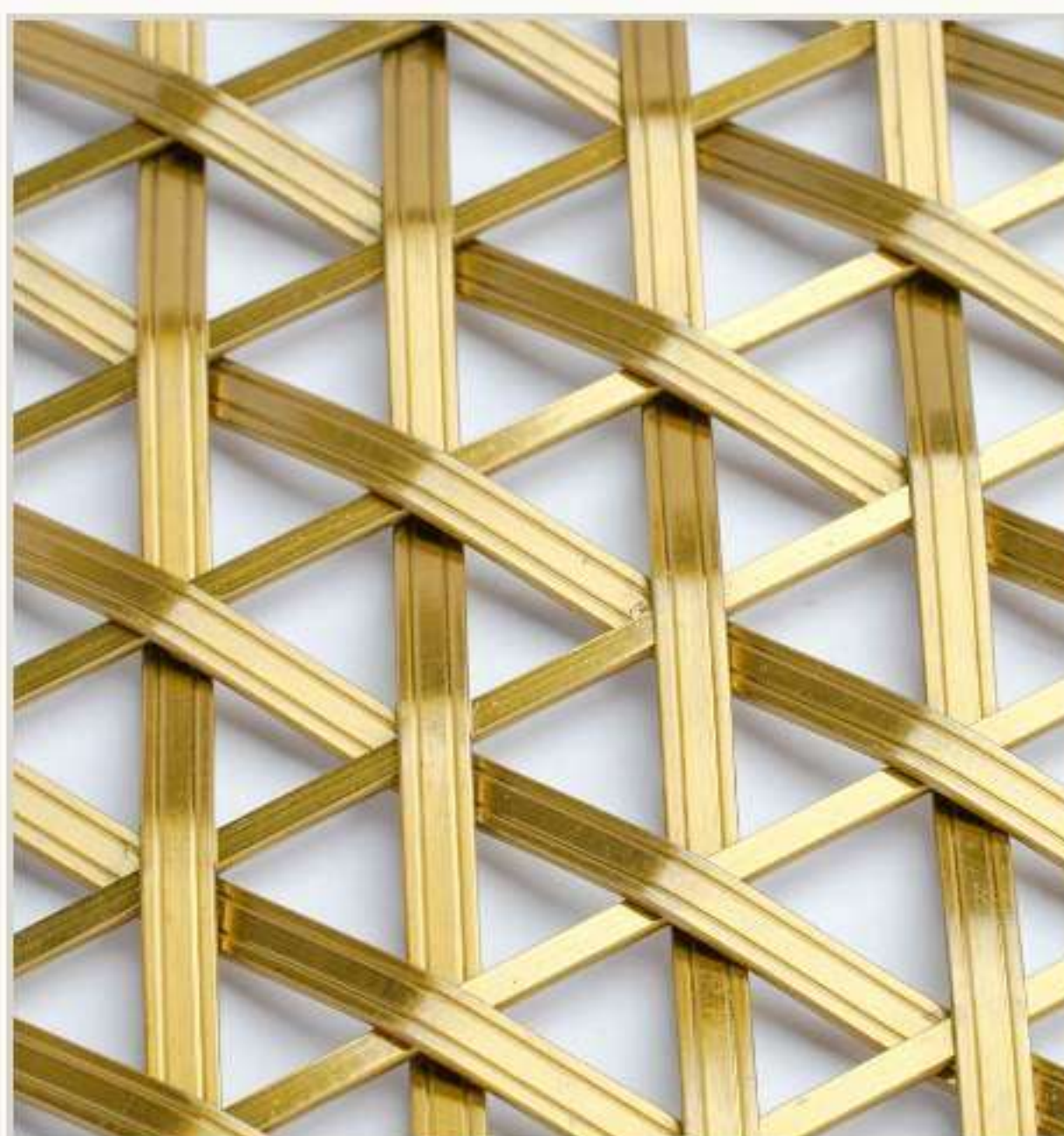
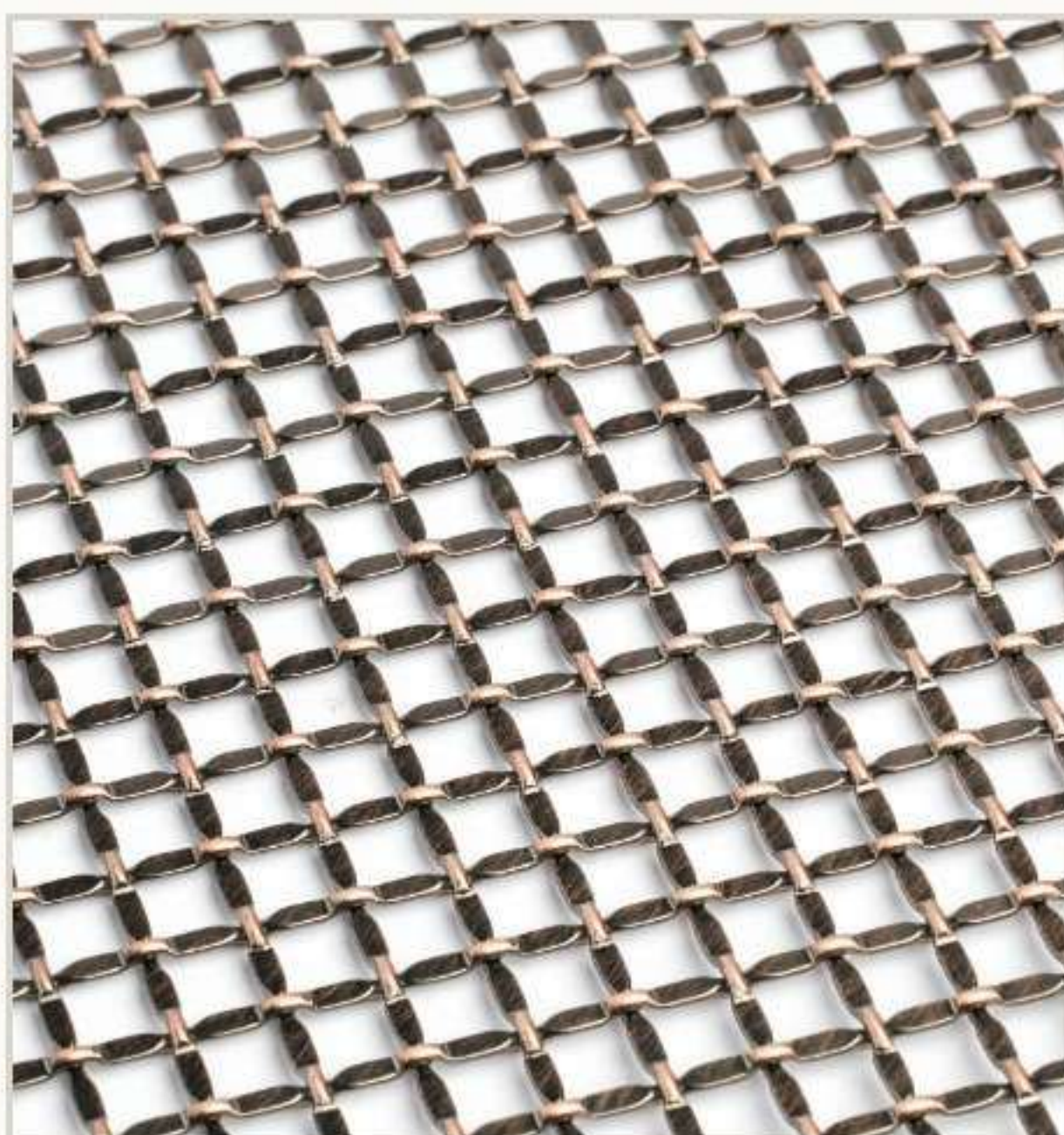
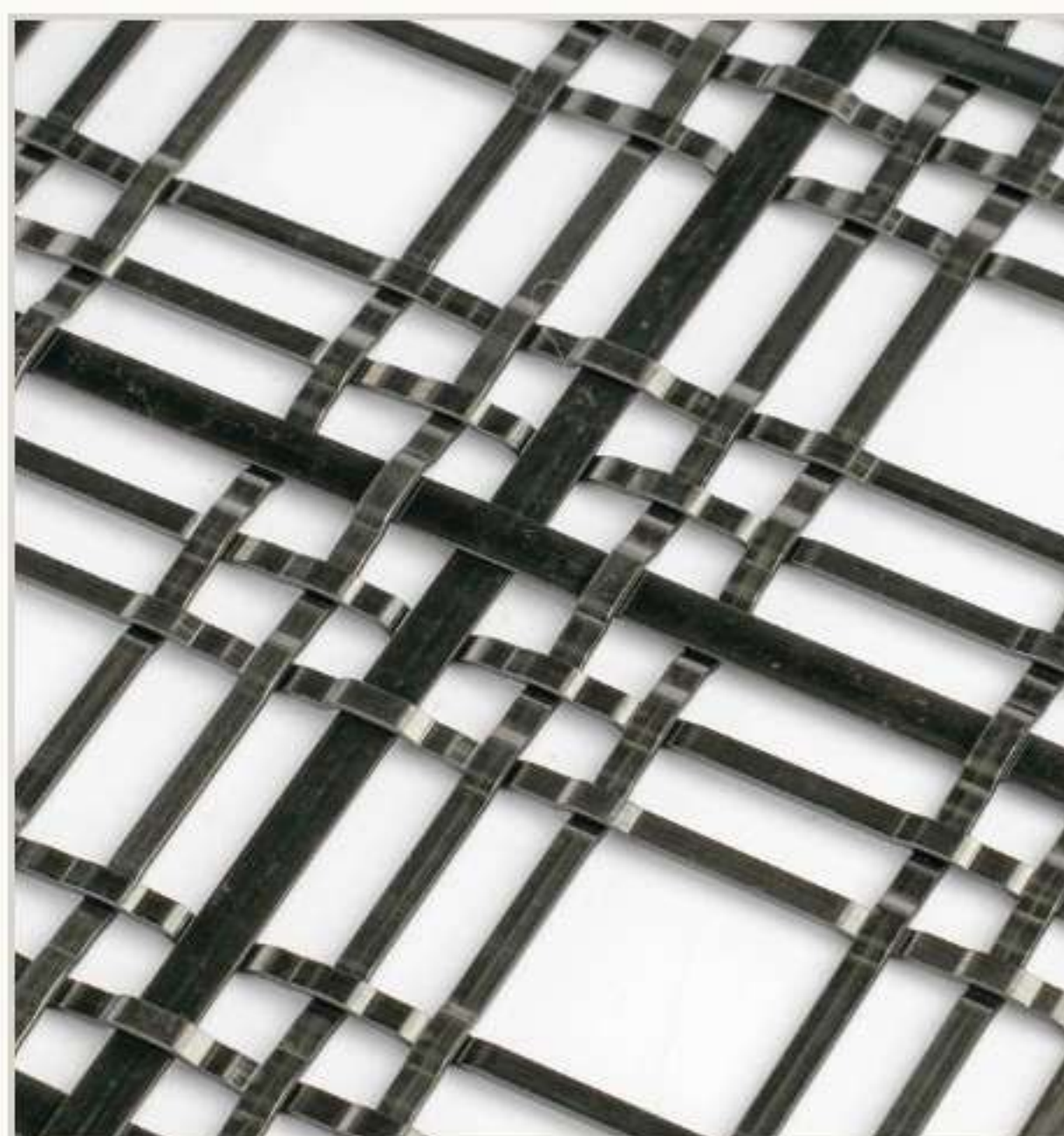
The SG-WM library now covers 69 woven mesh models. These pages divide the range into clear groups so designers can compare texture density, woven direction and visual rhythm more comfortably.

|                                                                                                                      |                                                                                                                      |                                                                                                                      |                                                                                                                      |                                                                                                                      |                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
|  <p>SG-WM-001 OPEN AREA 54%</p>   |  <p>SG-WM-002 OPEN AREA 22%</p>   |  <p>SG-WM-003 OPEN AREA 18%</p>   |  <p>SG-WM-004 OPEN AREA 24%</p>   |  <p>SG-WM-005 OPEN AREA 31%</p>   |  <p>SG-WM-006 OPEN AREA 22%</p>   |
|  <p>SG-WM-007 OPEN AREA 23%</p>   |  <p>SG-WM-008 OPEN AREA 23%</p>   |  <p>SG-WM-009 OPEN AREA 23%</p>   |  <p>SG-WM-010 OPEN AREA 22%</p>   |  <p>SG-WM-011 OPEN AREA 63%</p>   |  <p>SG-WM-012 OPEN AREA 28%</p>   |
|  <p>SG-WM-013 OPEN AREA 20%</p>  |  <p>SG-WM-014 OPEN AREA 51%</p>  |  <p>SG-WM-015 OPEN AREA 23%</p>  |  <p>SG-WM-016 OPEN AREA 22%</p>  |  <p>SG-WM-017 OPEN AREA 19%</p>  |  <p>SG-WM-018 OPEN AREA 60%</p>  |
|  <p>SG-WM-019 OPEN AREA 45%</p> |  <p>SG-WM-020 OPEN AREA 21%</p> |  <p>SG-WM-021 OPEN AREA 58%</p> |  <p>SG-WM-022 OPEN AREA 60%</p> |  <p>SG-WM-023 OPEN AREA 67%</p> |  <p>SG-WM-024 OPEN AREA 33%</p> |



# SG-WM woven mesh options with stronger project adaptability.

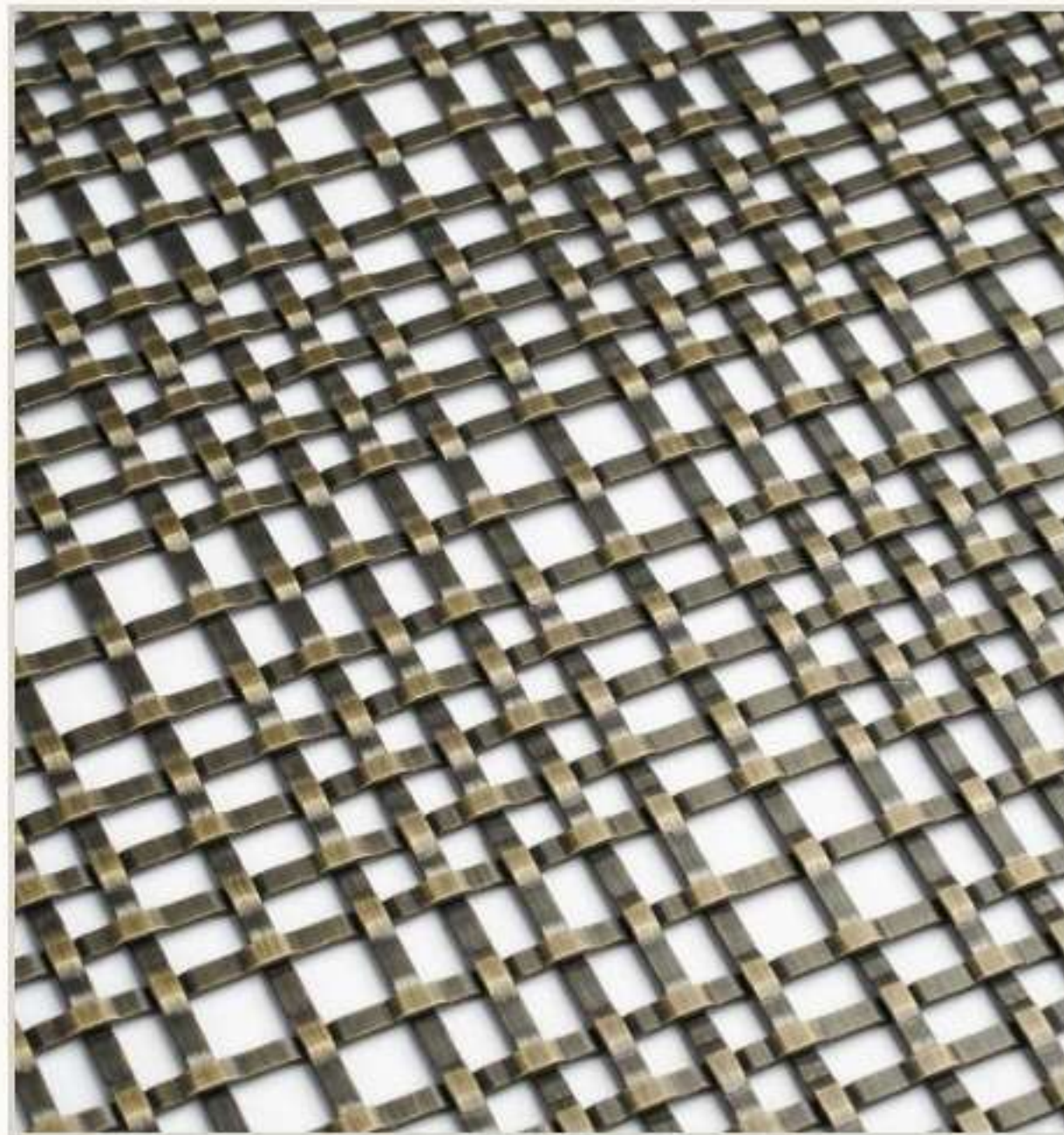
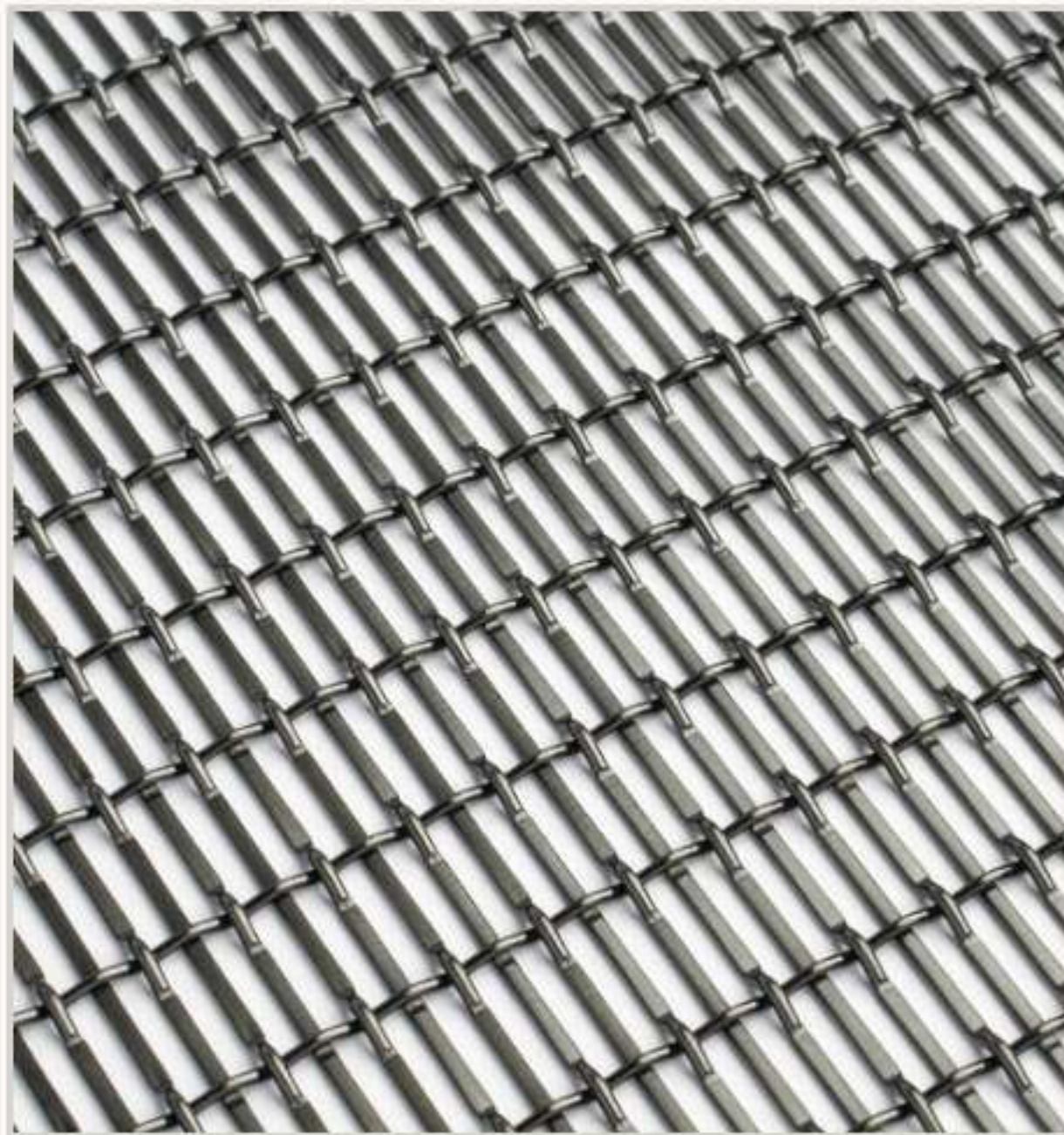
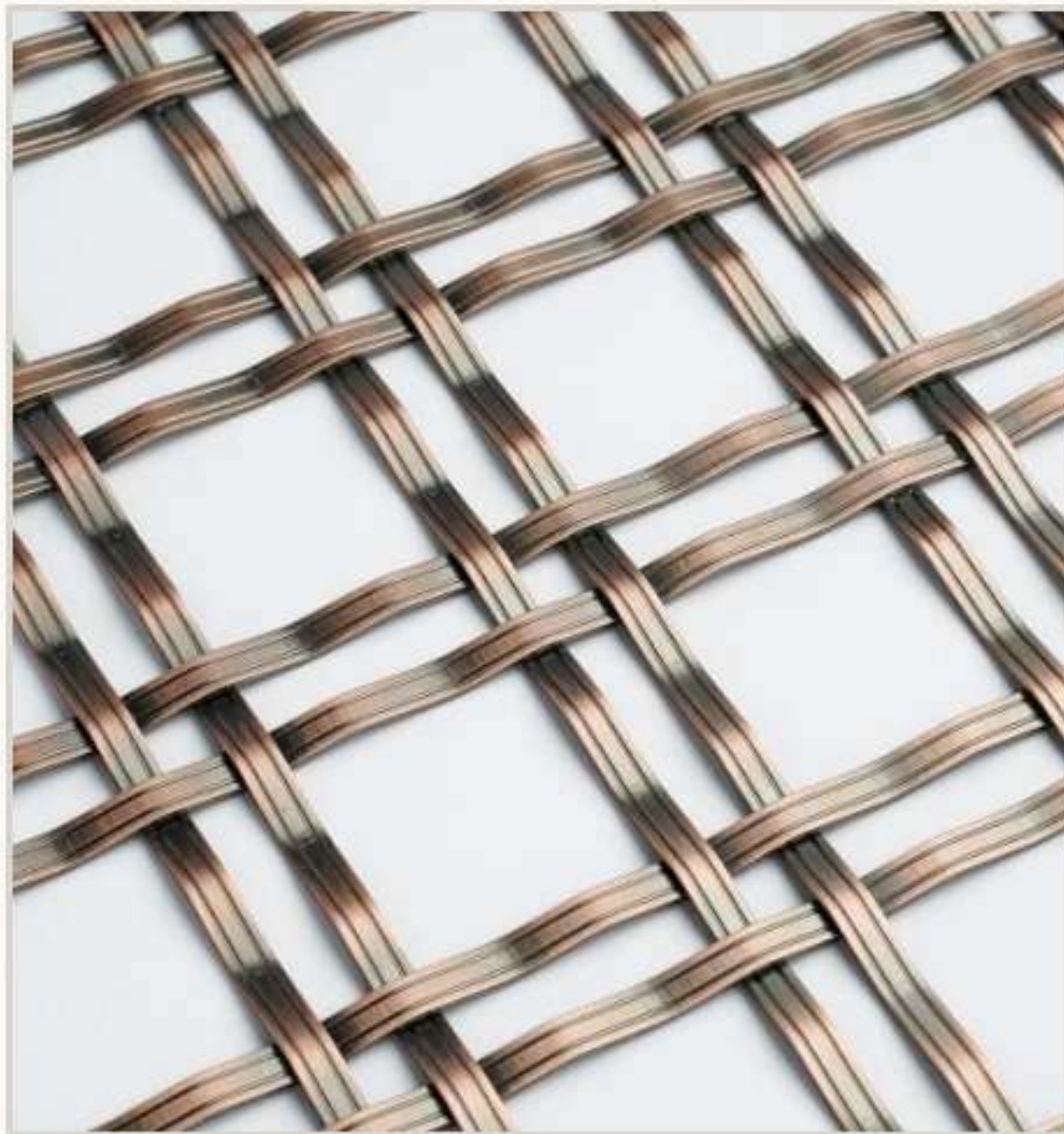
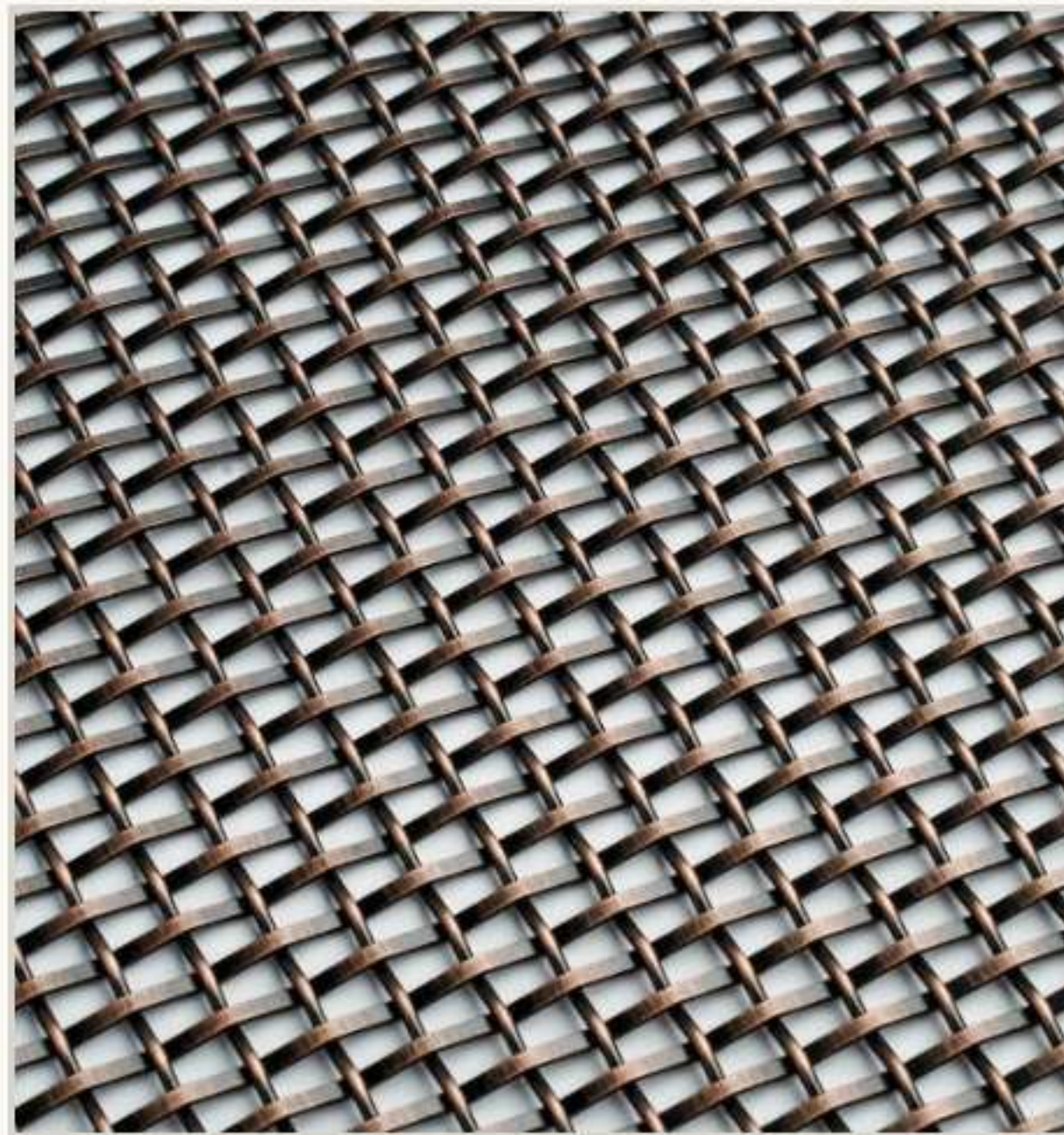
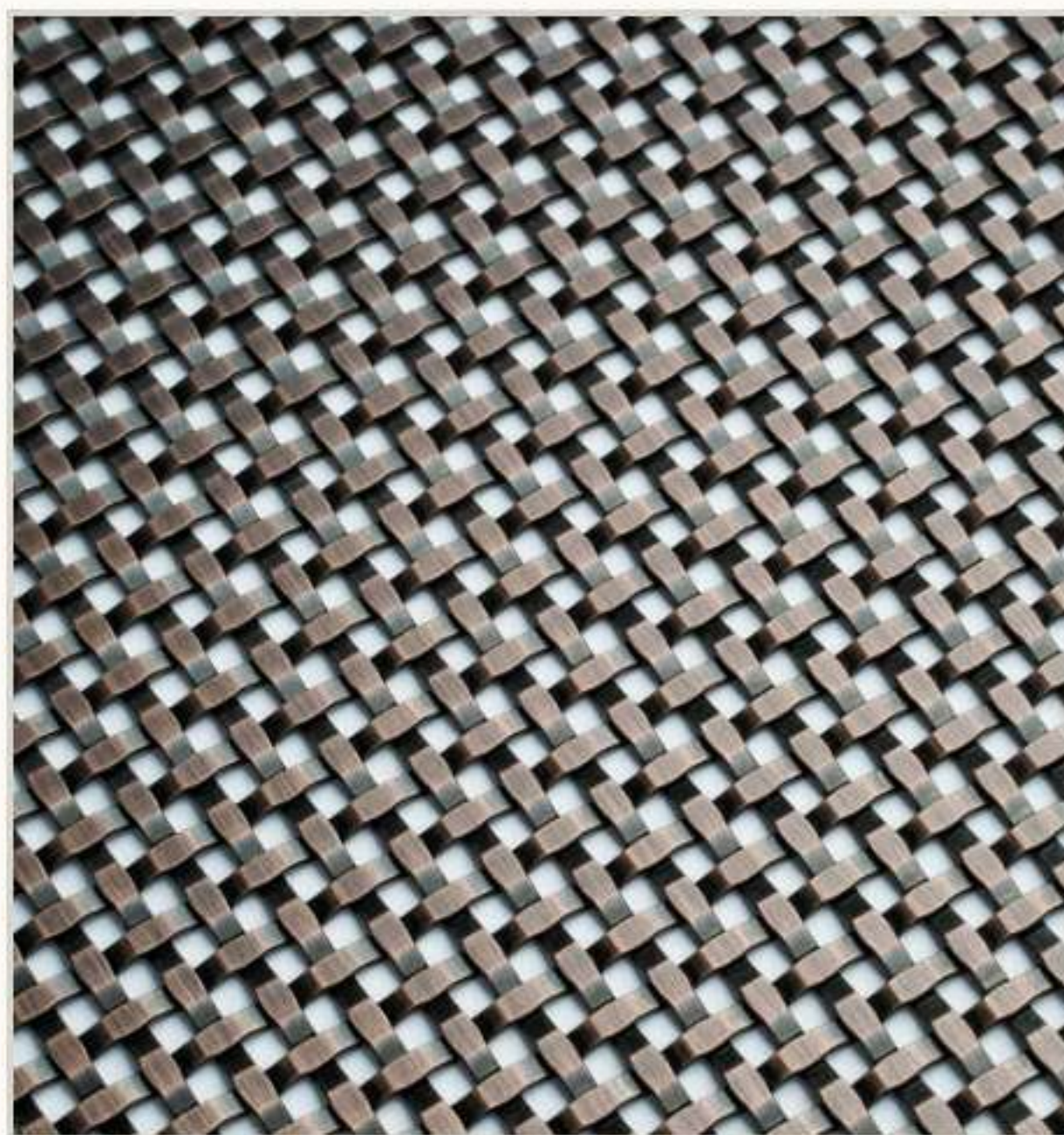
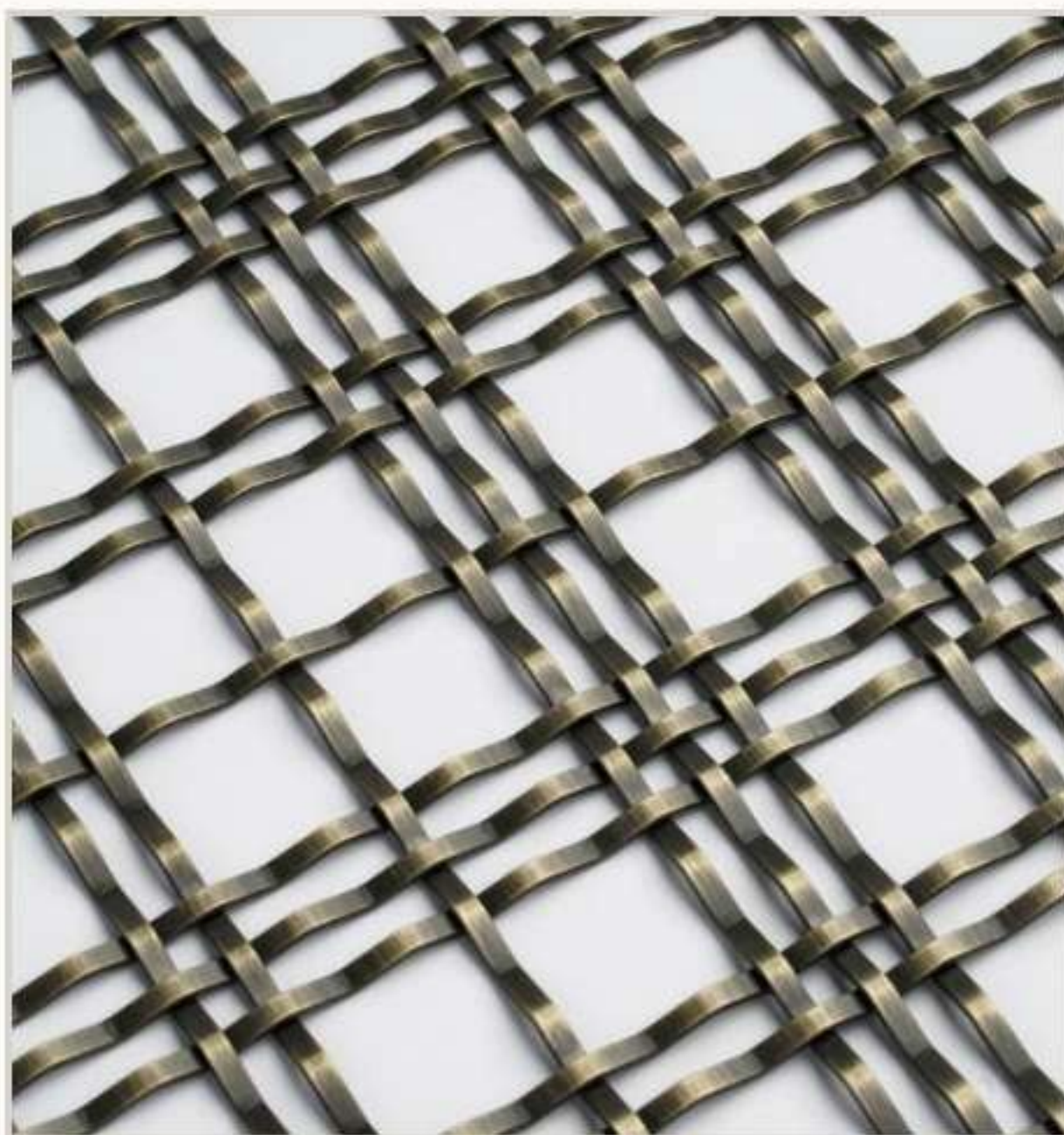
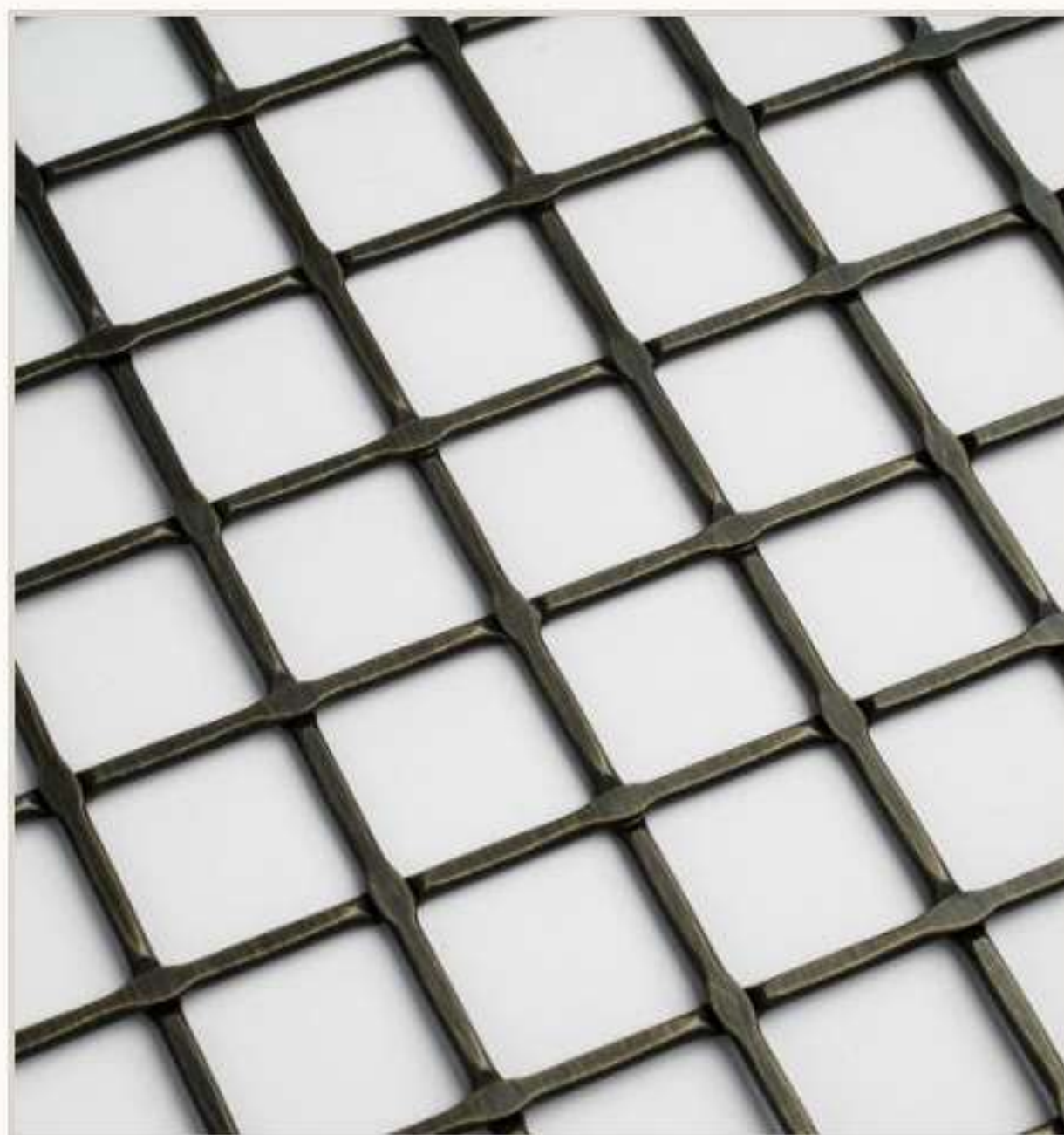
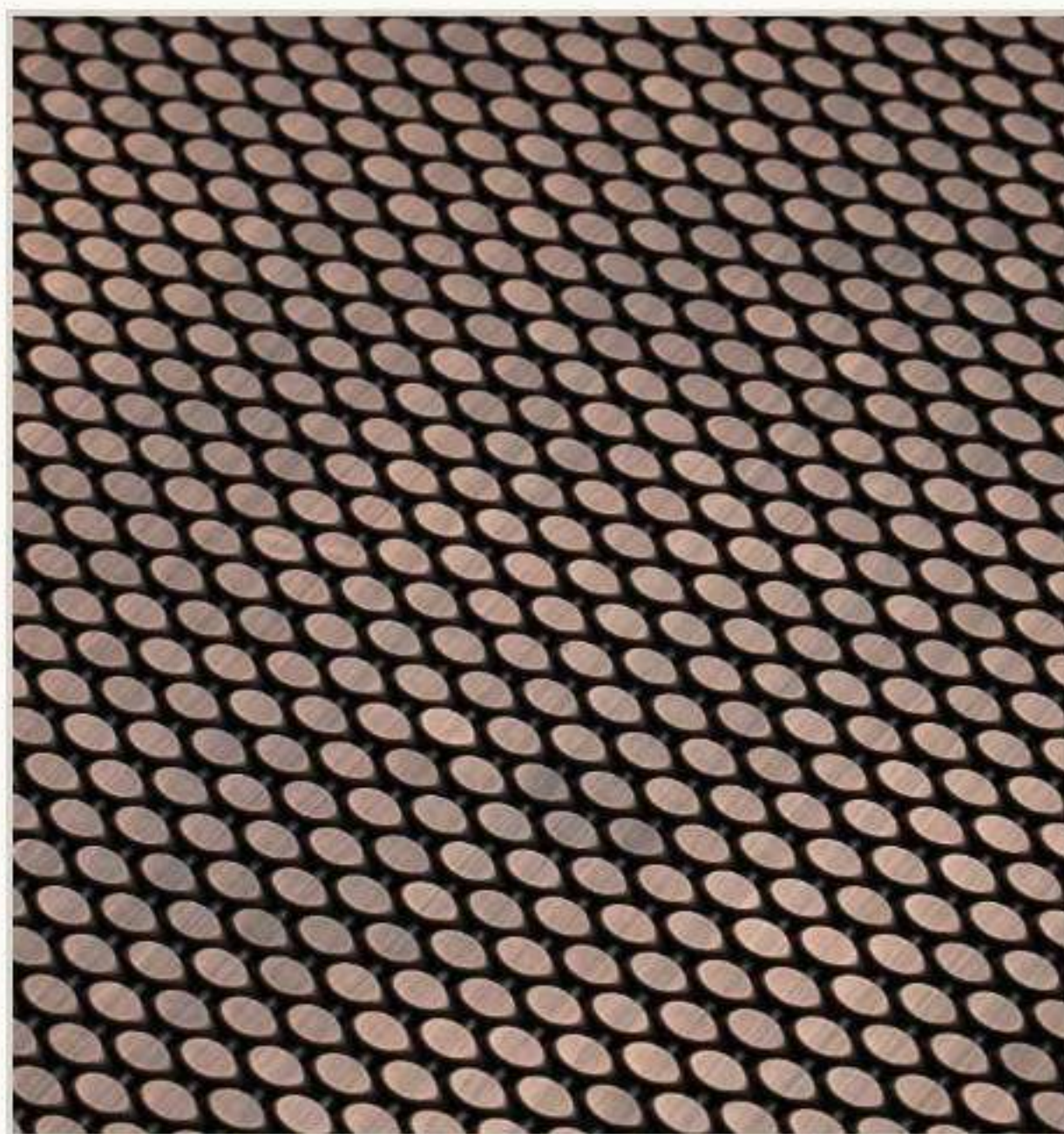
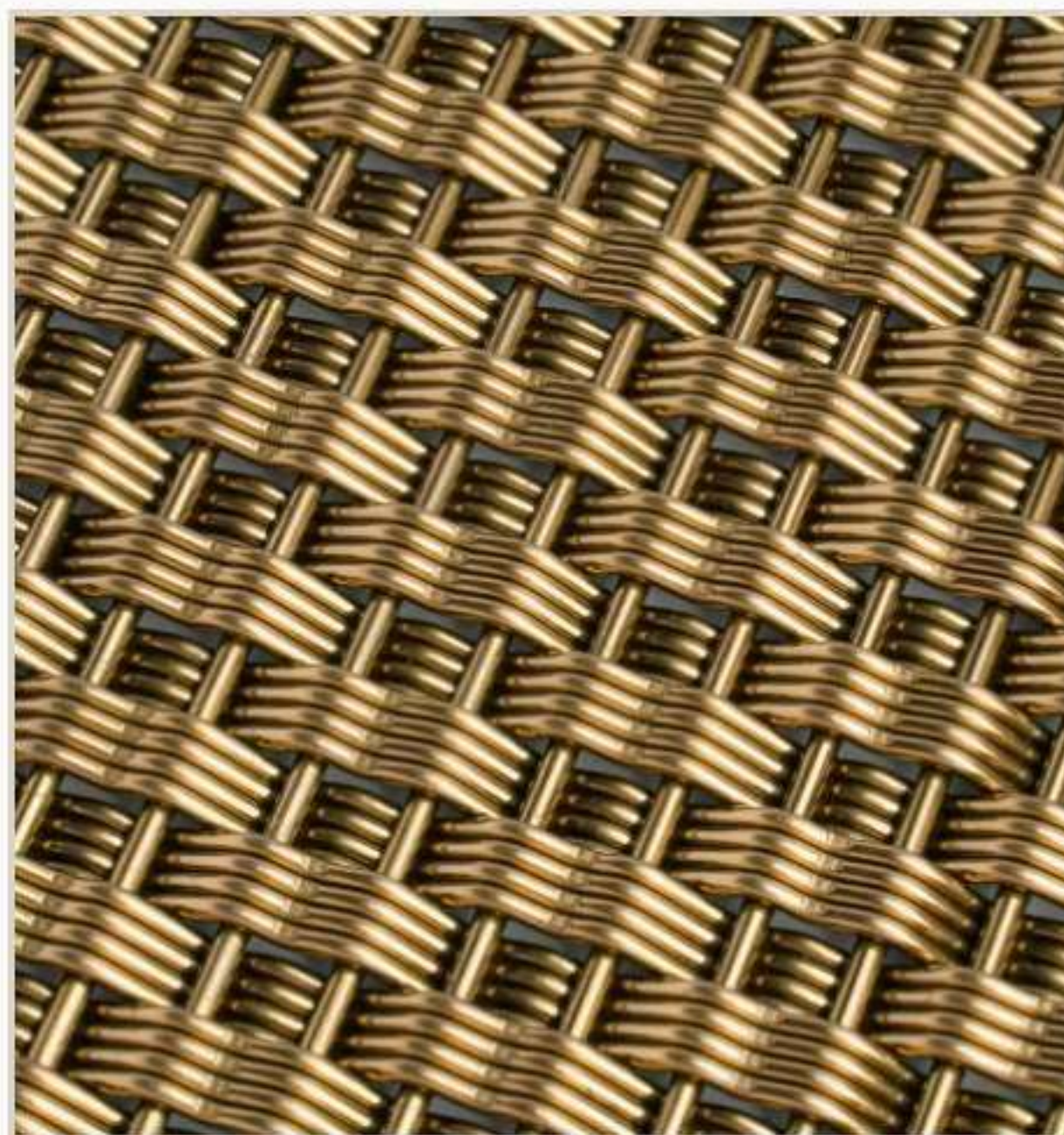
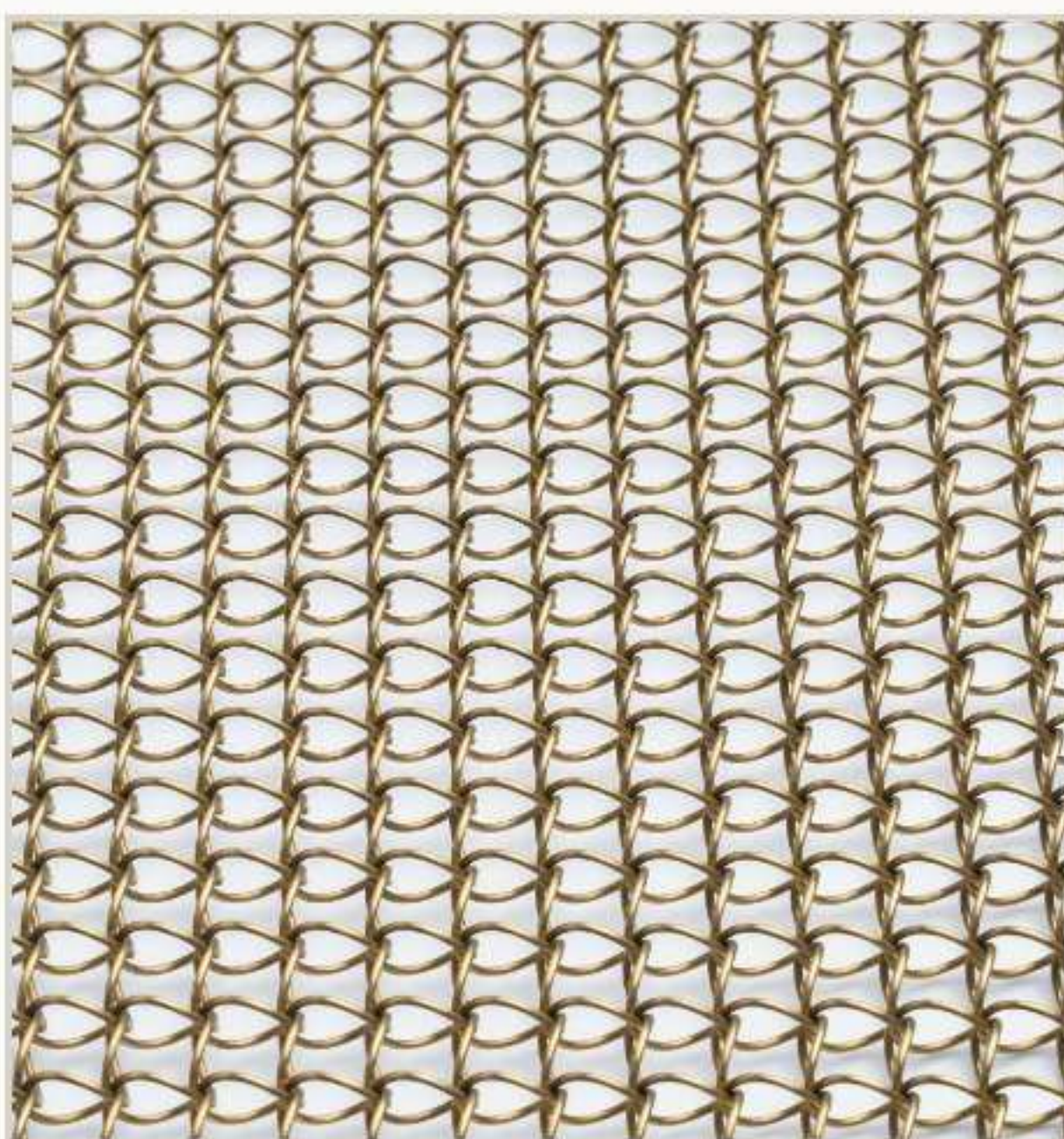
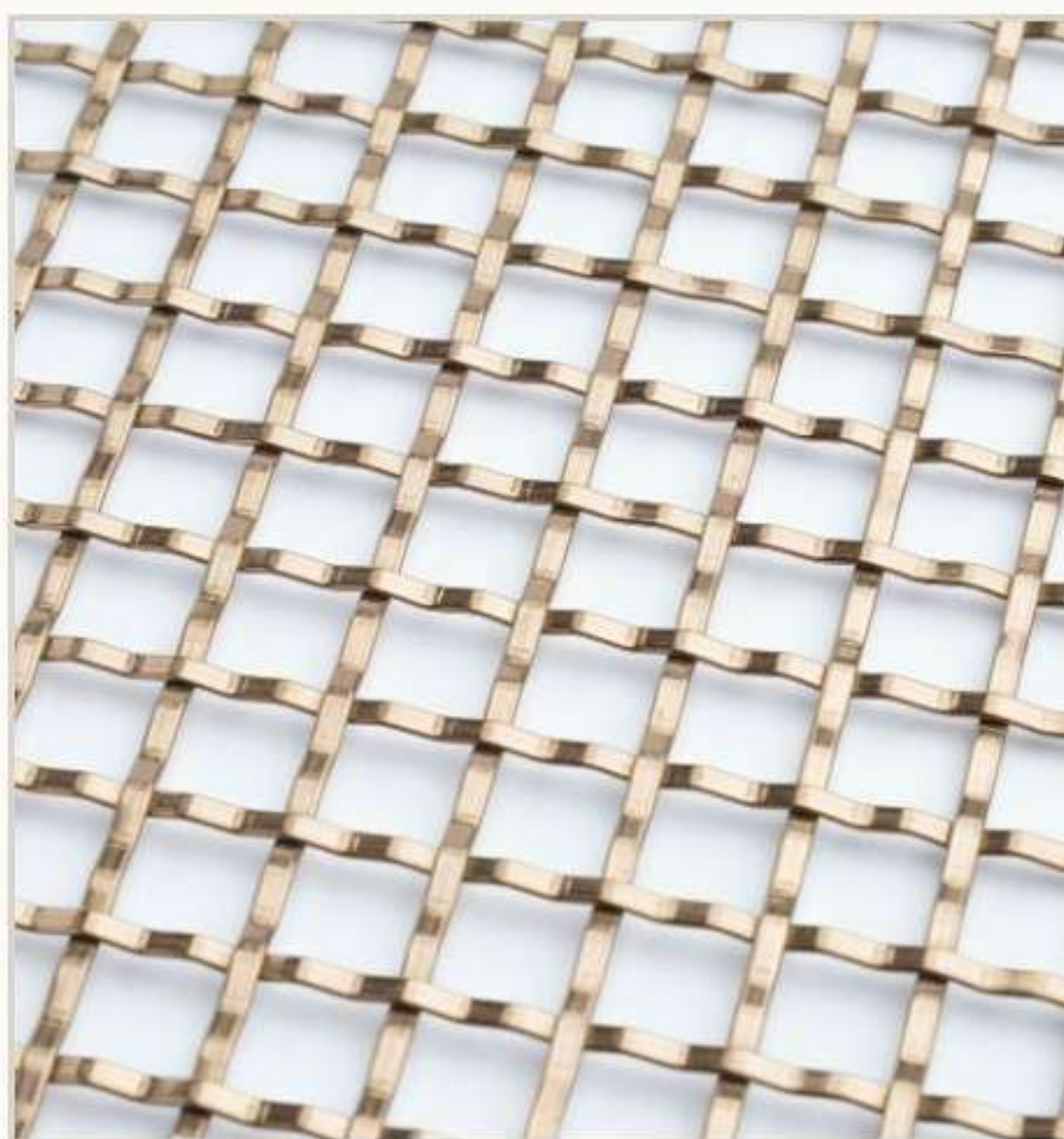
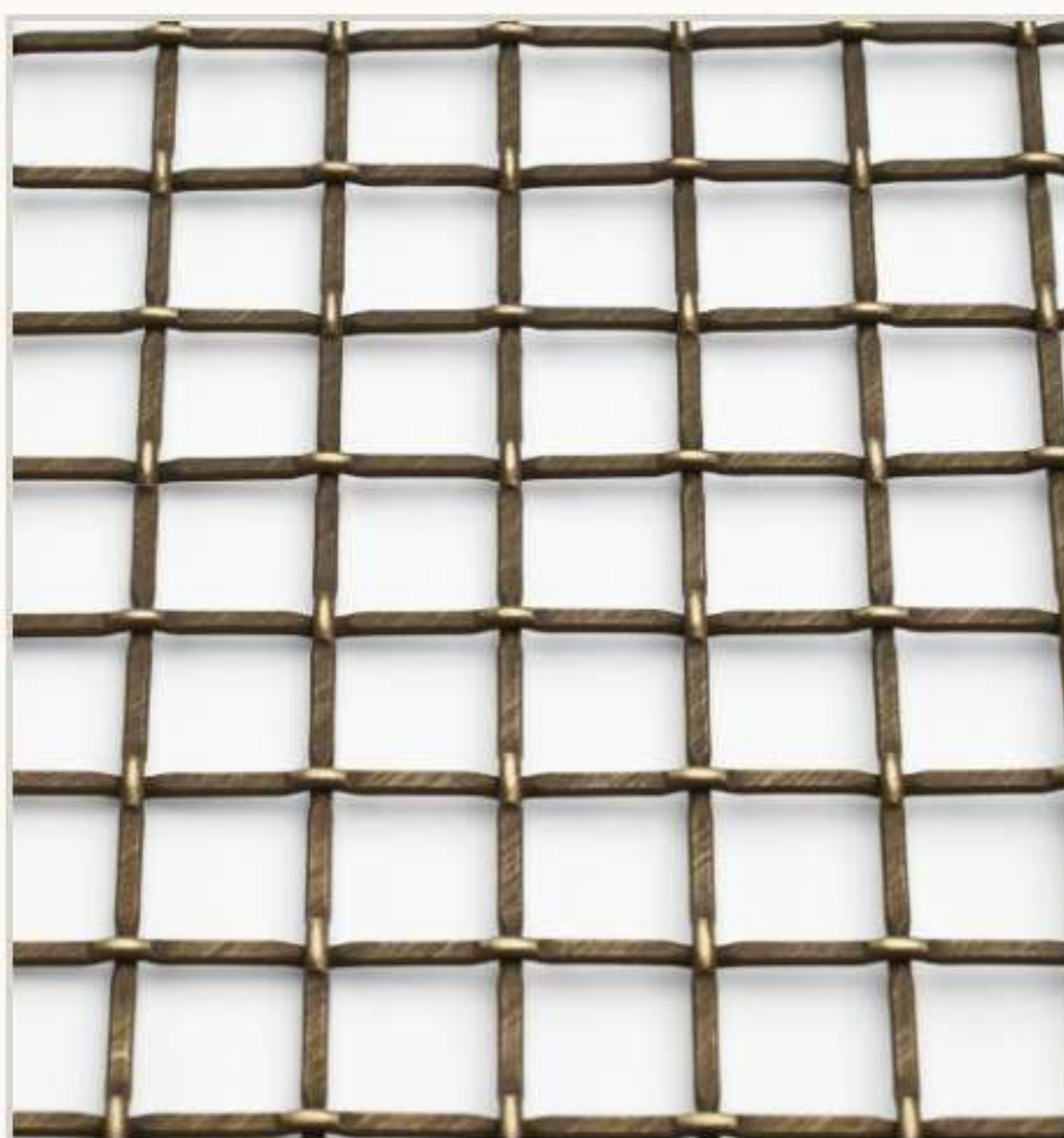
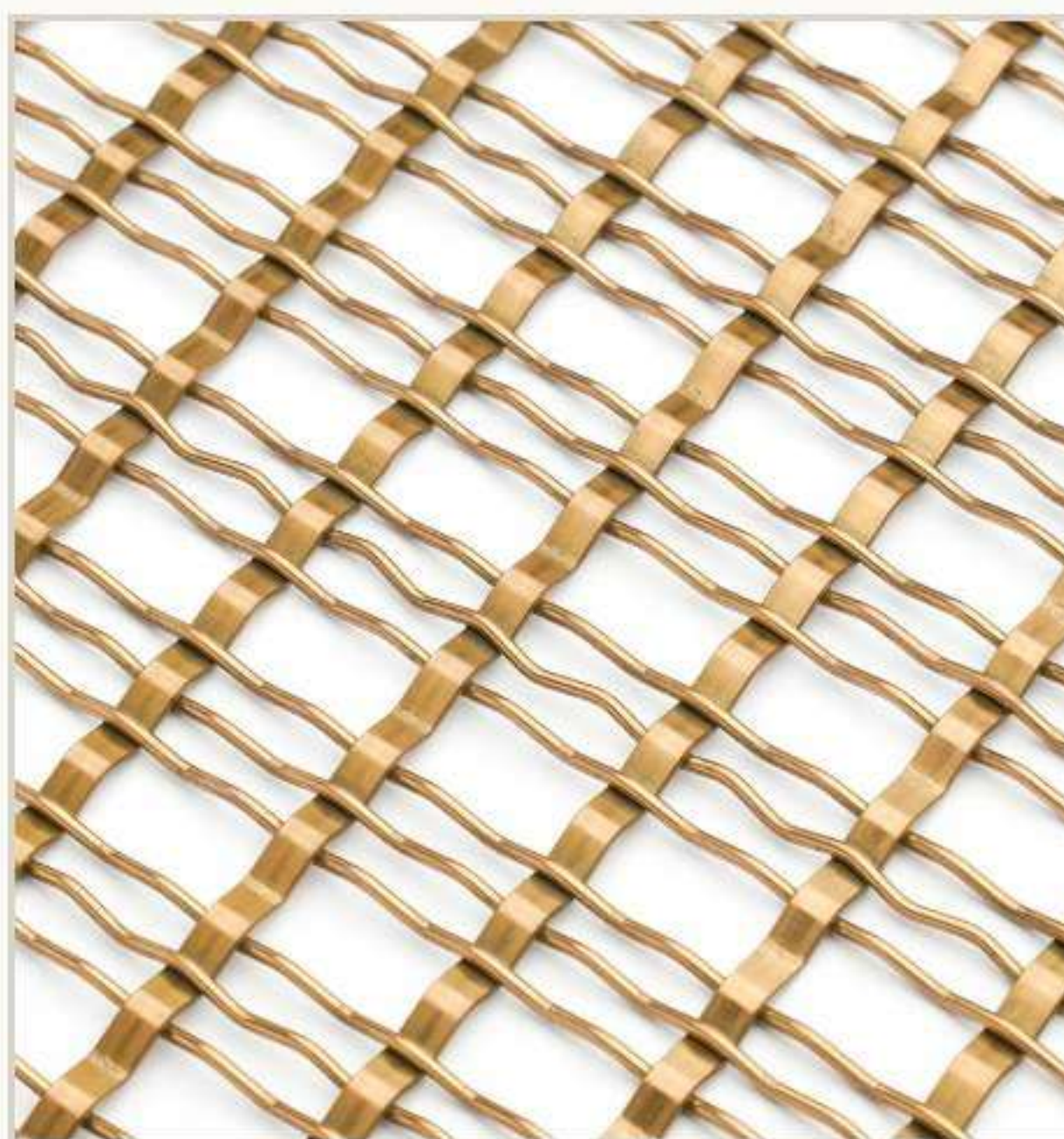
This SG-WM group is useful when one project needs several matching densities. Similar woven structures can be tuned by open area, wire profile, material and finish while keeping a consistent architectural language.

|                                                                                                                             |                                                                                                                             |                                                                                                                             |                                                                                                                             |                                                                                                                             |                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|  <p><b>SG-WM-025</b> OPEN AREA 46%</p>   |  <p><b>SG-WM-026</b> OPEN AREA 23%</p>   |  <p><b>SG-WM-027</b> OPEN AREA 21%</p>   |  <p><b>SG-WM-028</b> OPEN AREA 40%</p>   |  <p><b>SG-WM-029</b> OPEN AREA 22%</p>   |  <p><b>SG-WM-030</b> OPEN AREA 24%</p>   |
|  <p><b>SG-WM-031</b> OPEN AREA 12%</p>   |  <p><b>SG-WM-032</b> OPEN AREA 24%</p>   |  <p><b>SG-WM-033</b> OPEN AREA 8%</p>    |  <p><b>SG-WM-034</b> OPEN AREA 50%</p>   |  <p><b>SG-WM-035</b> OPEN AREA 26%</p>   |  <p><b>SG-WM-036</b> OPEN AREA 24%</p>   |
|  <p><b>SG-WM-037</b> OPEN AREA 31%</p>  |  <p><b>SG-WM-038</b> OPEN AREA 43%</p>  |  <p><b>SG-WM-039</b> OPEN AREA 30%</p>  |  <p><b>SG-WM-040</b> OPEN AREA 22%</p>  |  <p><b>SG-WM-041</b> OPEN AREA 30%</p>  |  <p><b>SG-WM-042</b> OPEN AREA 22%</p>  |
|  <p><b>SG-WM-043</b> OPEN AREA 10%</p> |  <p><b>SG-WM-044</b> OPEN AREA 36%</p> |  <p><b>SG-WM-045</b> OPEN AREA 26%</p> |  <p><b>SG-WM-046</b> OPEN AREA 22%</p> |  <p><b>SG-WM-047</b> OPEN AREA 37%</p> |  <p><b>SG-WM-048</b> OPEN AREA 38%</p> |



# Custom woven mesh style for your project.

SG-WM can be developed beyond standard models. We help adjust the woven pattern, open area, wire profile, material and colour so each project can carry a distinctive metal mesh style.

|                                                                                                                             |                                                                                                                             |                                                                                                                             |                                                                                                                                                                                                    |                                                                                                                            |                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|  <p><b>SG-WM-049</b> OPEN AREA 25%</p>   |  <p><b>SG-WM-050</b> OPEN AREA 25%</p>   |  <p><b>SG-WM-051</b> OPEN AREA 24%</p>   |  <p><b>SG-WM-052</b> OPEN AREA 25%</p>                                                                          |  <p><b>SG-WM-053</b> OPEN AREA 47%</p>  |  <p><b>SG-WM-054</b> OPEN AREA 22%</p>  |
|  <p><b>SG-WM-055</b> OPEN AREA 22%</p>   |  <p><b>SG-WM-056</b> OPEN AREA 35%</p>   |  <p><b>SG-WM-057</b> OPEN AREA 58%</p>   |  <p><b>SG-WM-058</b> OPEN AREA 9%</p>                                                                           |  <p><b>SG-WM-059</b> OPEN AREA 22%</p>  |  <p><b>SG-WM-060</b> OPEN AREA 14%</p>  |
|  <p><b>SG-WM-061</b> OPEN AREA 21%</p>  |  <p><b>SG-WM-062</b> OPEN AREA 41%</p>  |  <p><b>SG-WM-063</b> OPEN AREA 55%</p>  |  <p><b>SG-WM-064</b> OPEN AREA 60%</p>                                                                         |  <p><b>SG-WM-065</b> OPEN AREA 57%</p> |  <p><b>SG-WM-066</b> OPEN AREA 54%</p> |
|  <p><b>SG-WM-067</b> OPEN AREA 22%</p> |  <p><b>SG-WM-068</b> OPEN AREA 55%</p> |  <p><b>SG-WM-069</b> OPEN AREA 15%</p> | <div><div>CUSTOM SERVICE</div><div>Pattern, colour and material can be developed for your project.</div><div><div>CUSTOM STYLE</div><div>CUSTOM COLOUR</div><div>CUSTOM MATERIAL</div></div></div> |                                                                                                                            |                                                                                                                            |



## Lightweight facade skins with structural rhythm.

Cable and rod mesh balances openness, tension and precise architectural expression for large scale surfaces.

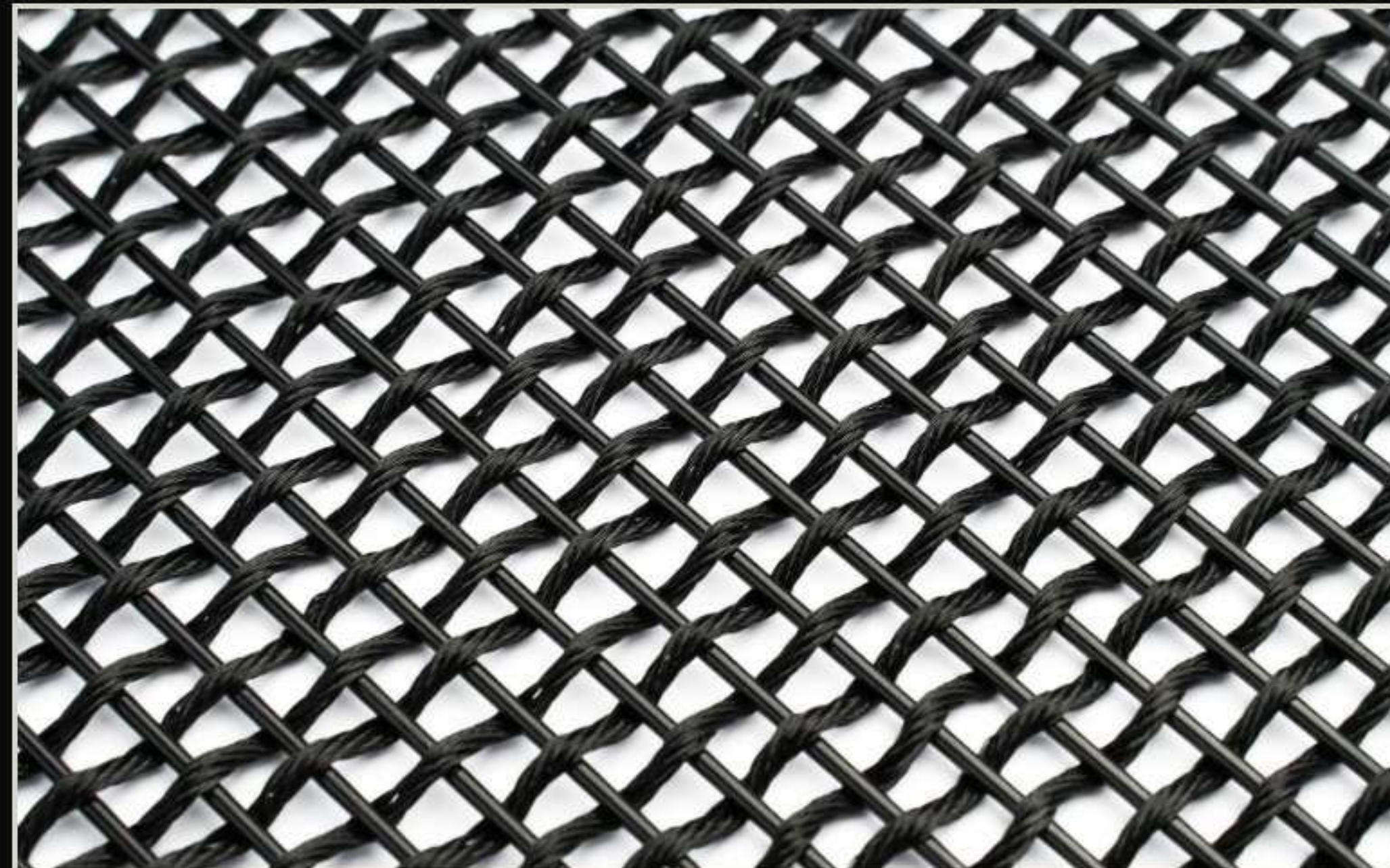
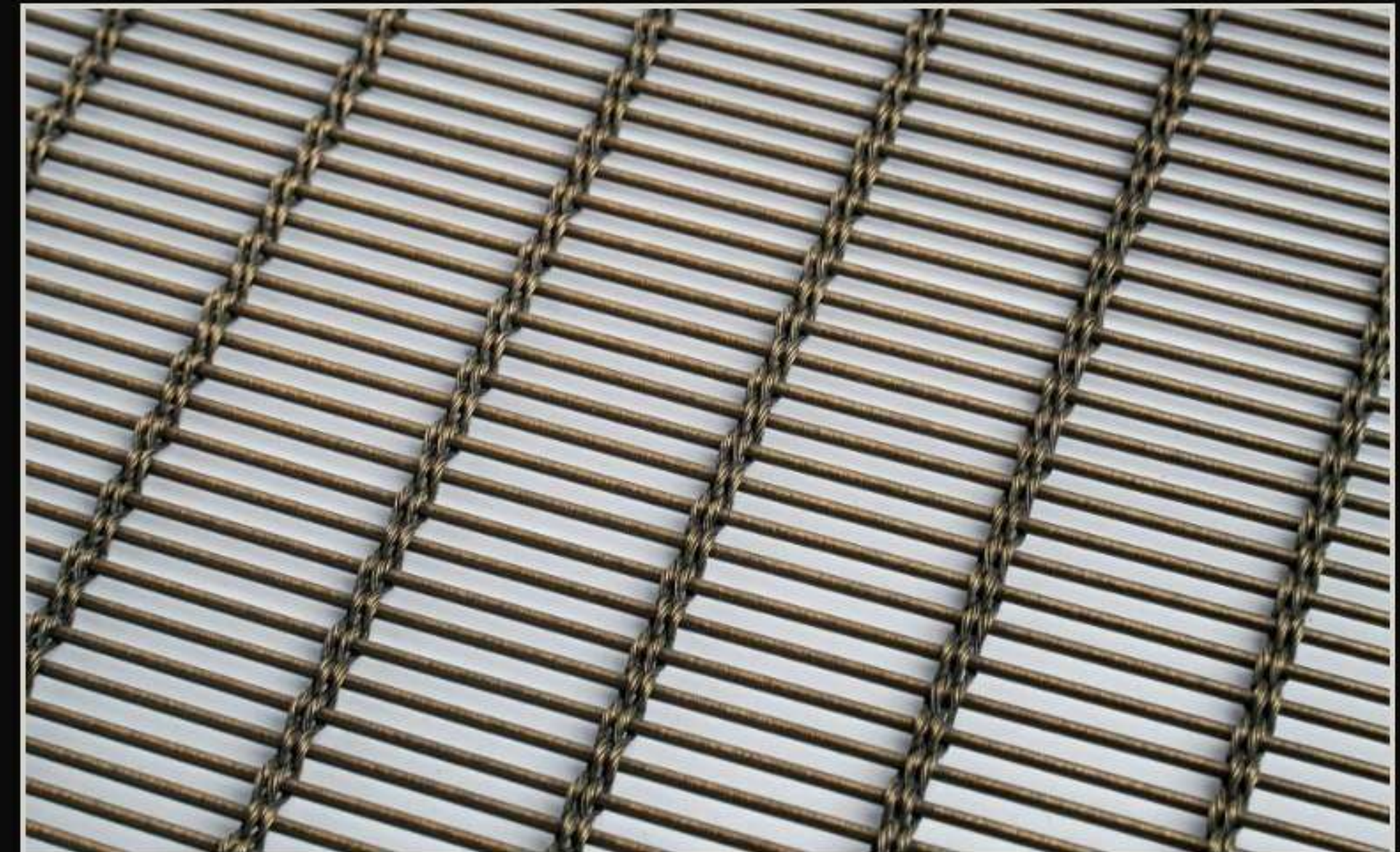
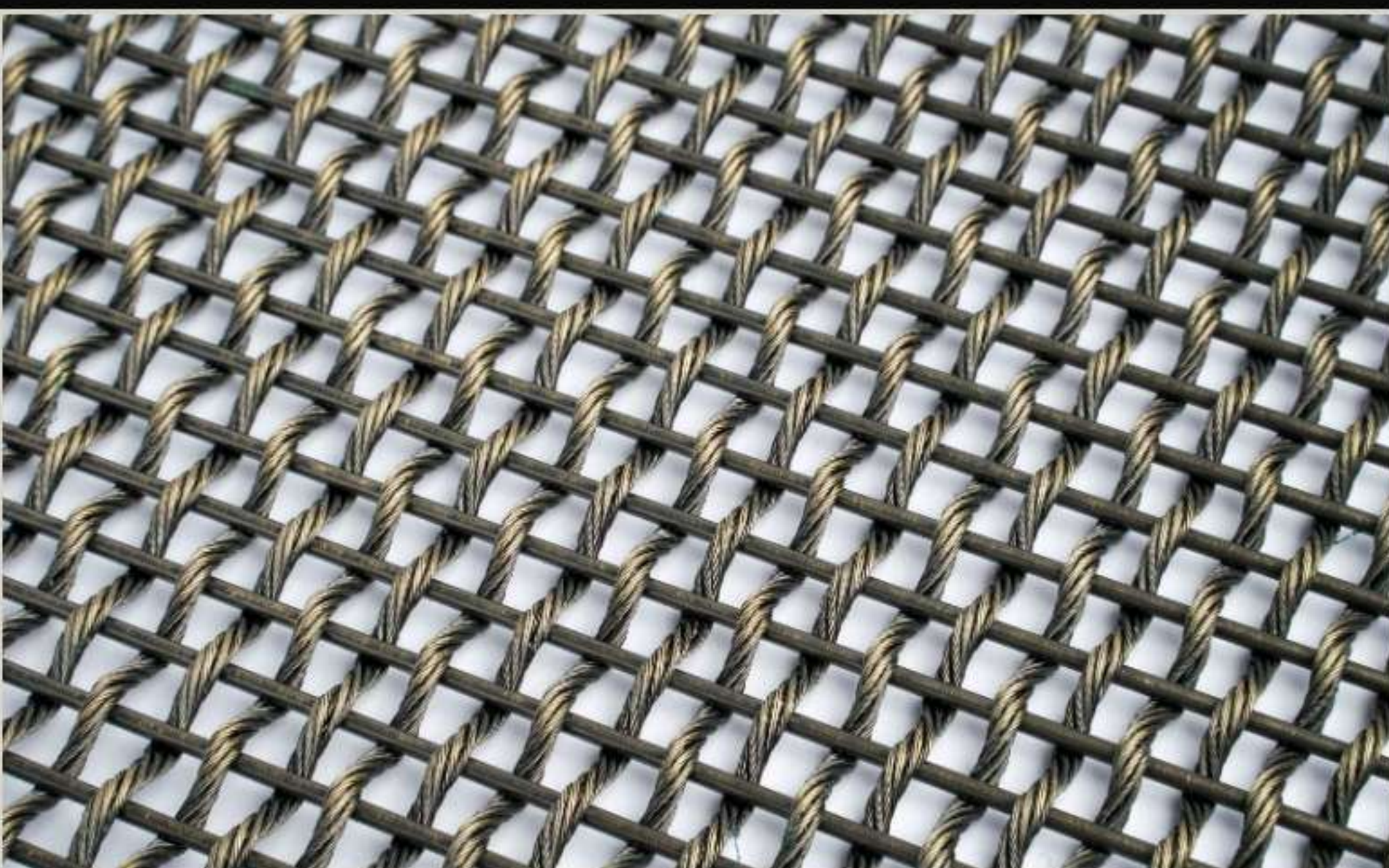
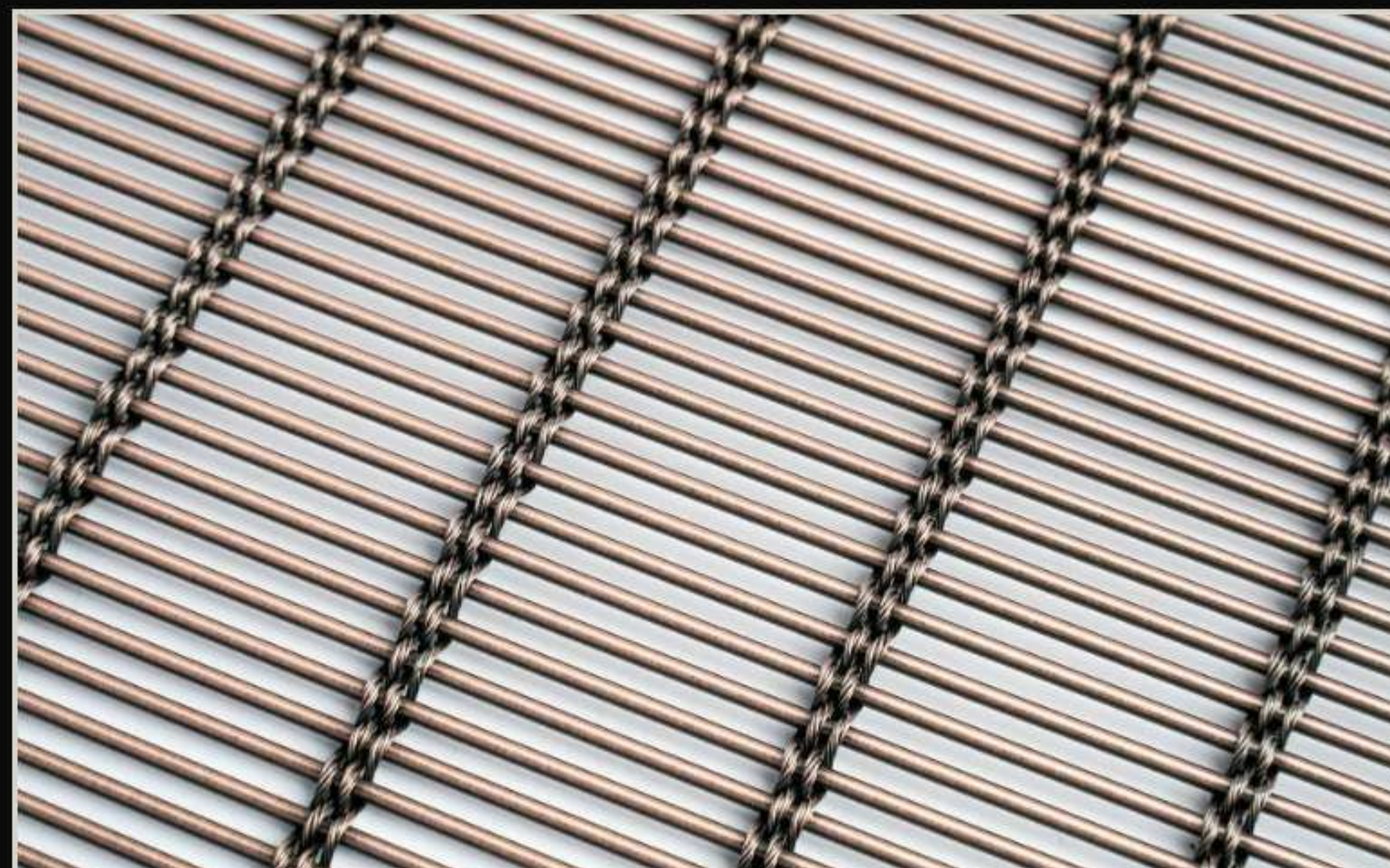
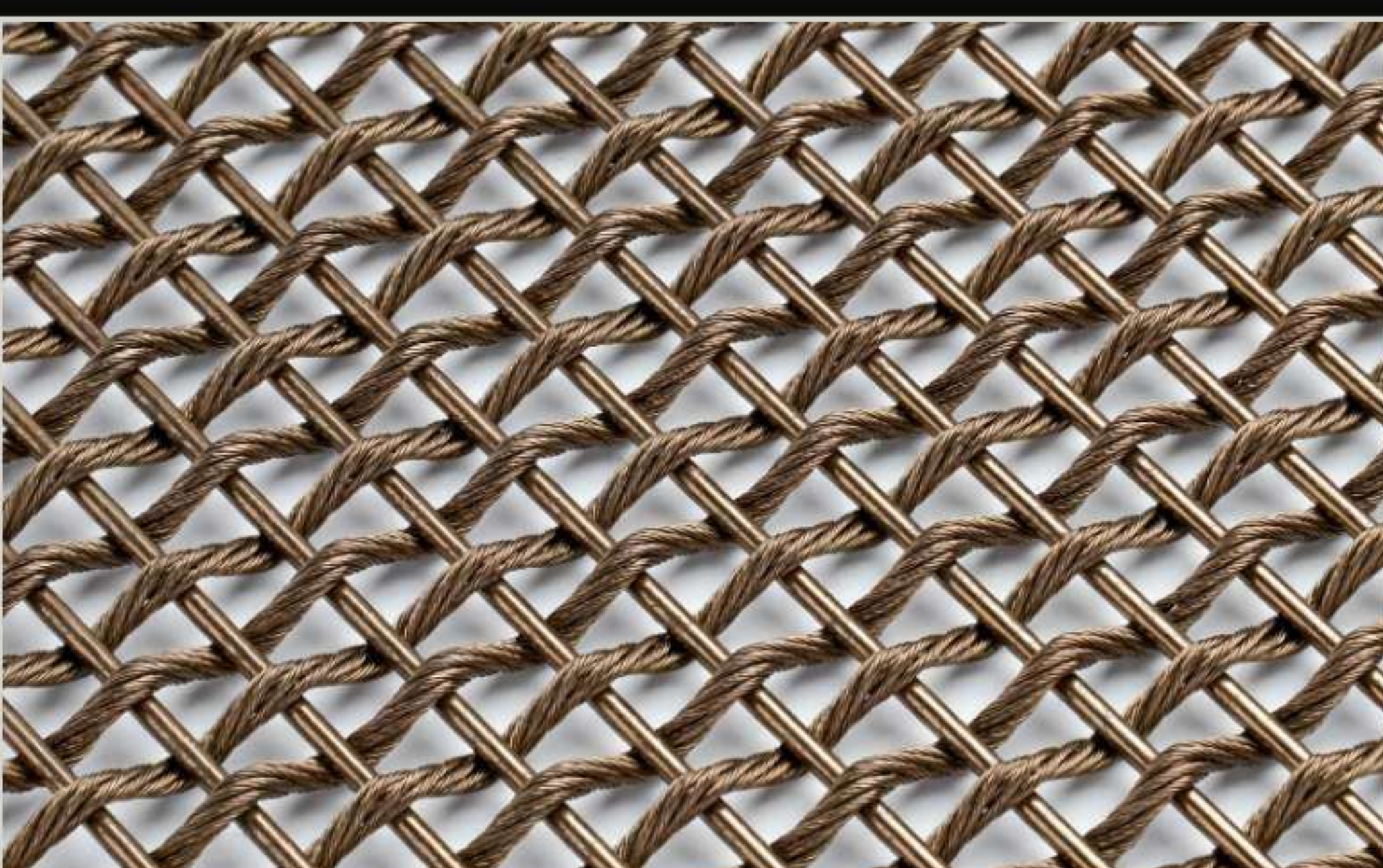
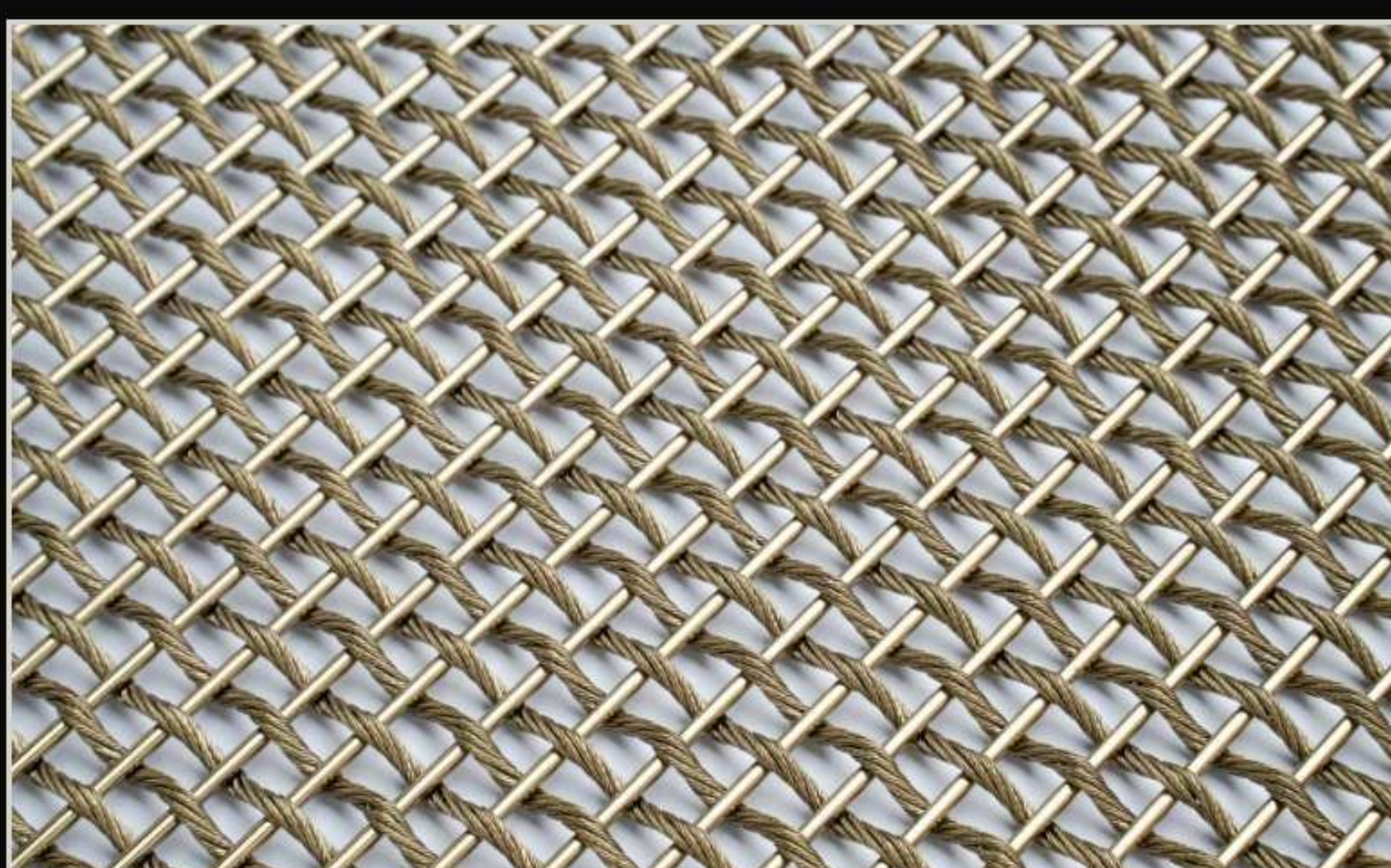
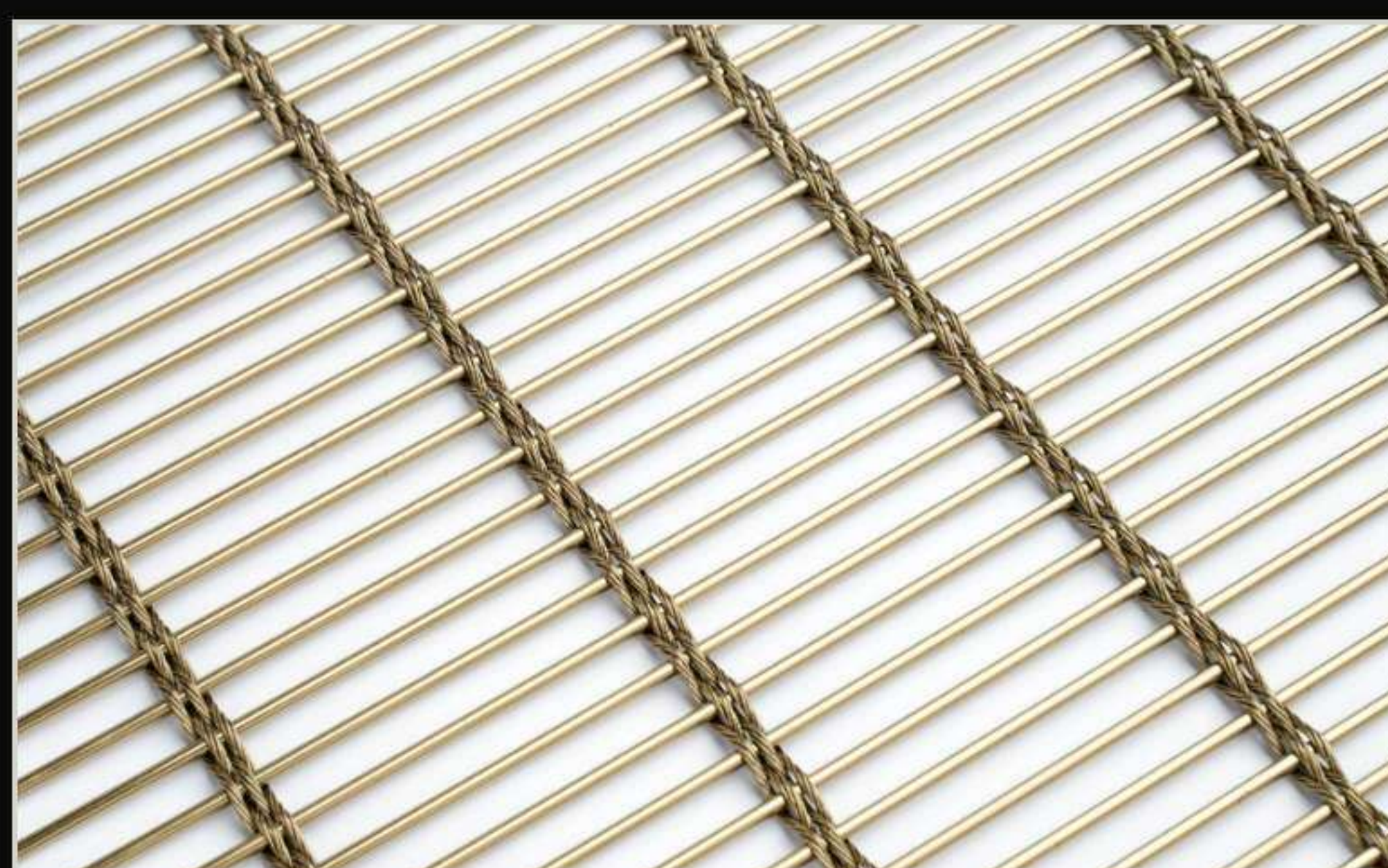
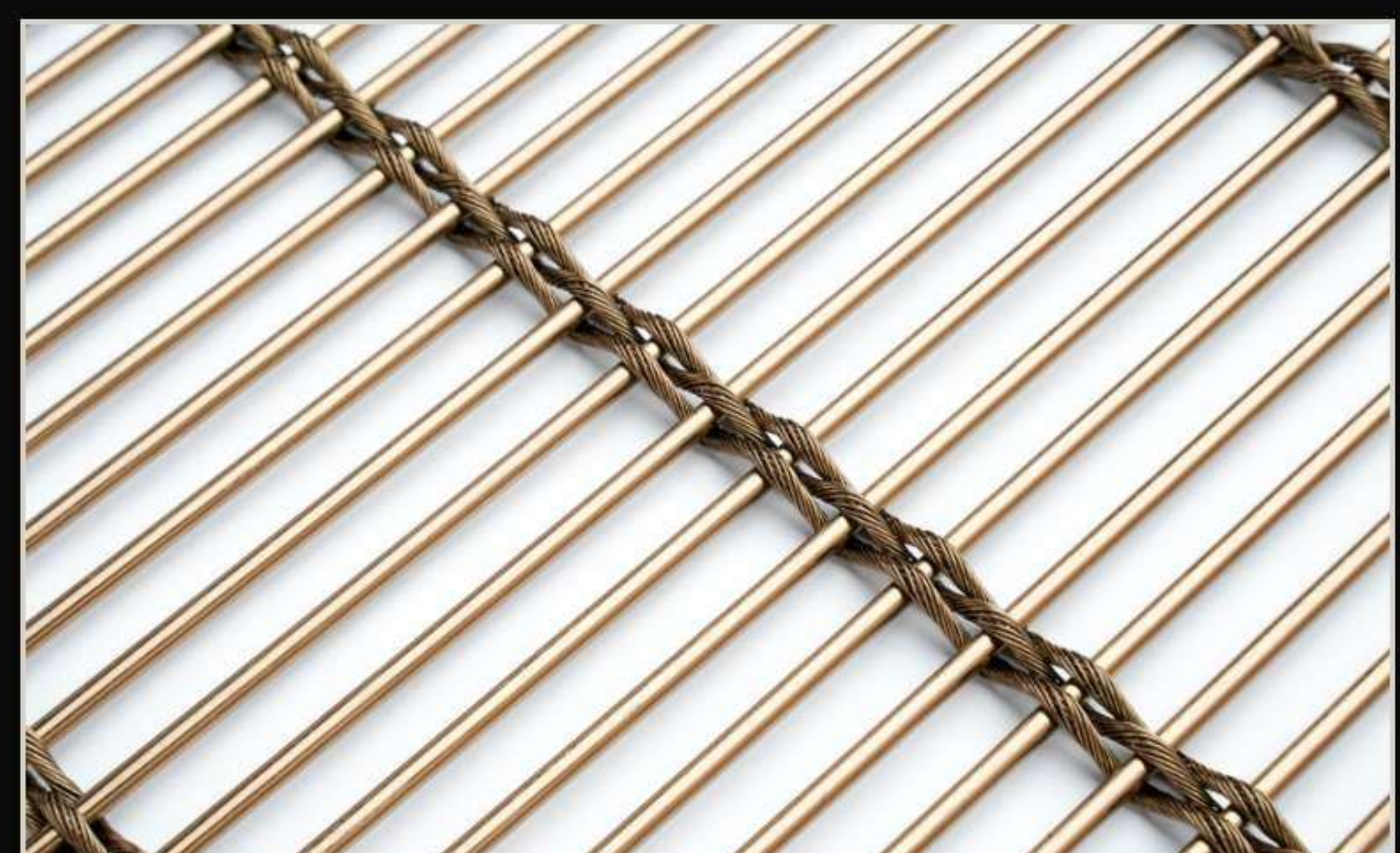


| APPLICATIONS                           | VISUAL EFFECT                | MATERIALS                         | SELECTION NOTE                                    |
|----------------------------------------|------------------------------|-----------------------------------|---------------------------------------------------|
| Facade, sunshading, parking, enclosure | Transparent, rhythmic, light | Stainless steel, aluminum options | Confirm opening, tension direction and panel size |



# Sixteen cable and rod models for facade rhythm.

SG-CR models are selected by cable direction, rod spacing, openness and panel scale, supporting transparent facade skins, sunshading and parking enclosure applications.

|                                                                                                                                        |                                                                                                                                         |                                                                                                                                         |                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|  <div><p>SG-CR-001</p><p>OPEN AREA 65.3%</p></div>   |  <div><p>SG-CR-002</p><p>OPEN AREA 65.3%</p></div>   |  <div><p>SG-CR-003</p><p>OPEN AREA 43.8%</p></div>   |  <div><p>SG-CR-004</p><p>OPEN AREA 41.5%</p></div>   |
|  <div><p>SG-CR-005</p><p>OPEN AREA 43.8%</p></div>   |  <div><p>SG-CR-006</p><p>OPEN AREA 41.5%</p></div>   |  <div><p>SG-CR-007</p><p>OPEN AREA 41.5%</p></div>   |  <div><p>SG-CR-008</p><p>OPEN AREA 47.1%</p></div>   |
|  <div><p>SG-CR-009</p><p>OPEN AREA 43.5%</p></div>  |  <div><p>SG-CR-010</p><p>OPEN AREA 47.1%</p></div>  |  <div><p>SG-CR-011</p><p>OPEN AREA 41.5%</p></div>  |  <div><p>SG-CR-012</p><p>OPEN AREA 64.8%</p></div>  |
|  <div><p>SG-CR-013</p><p>OPEN AREA 41.5%</p></div> |  <div><p>SG-CR-014</p><p>OPEN AREA 43.5%</p></div> |  <div><p>SG-CR-015</p><p>OPEN AREA 64.3%</p></div> |  <div><p>SG-CR-016</p><p>OPEN AREA 64.3%</p></div> |



# Flexible metal elements for interiors, partitions and movement.

SG-CC leads the curtain range for aluminium chain curtain systems, supported by SG-SP, SG-FC and SG-RM for softer spatial layers.



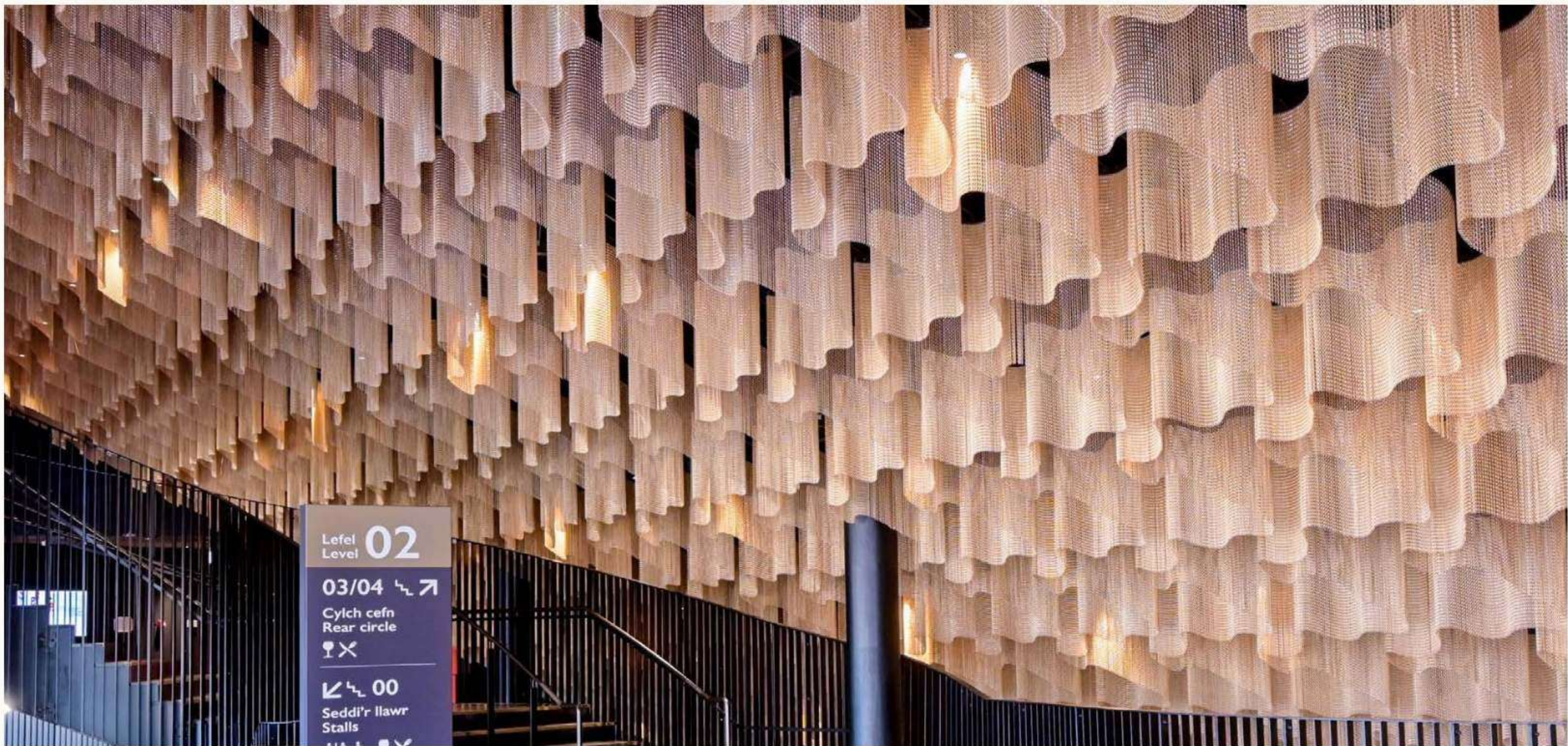
|                                                     |                                         |                                                |                                       |
|-----------------------------------------------------|-----------------------------------------|------------------------------------------------|---------------------------------------|
| <div>SG-CC</div> <div>Aluminium Chain Curtain</div> | <div>SG-SP</div> <div>Spiral Mesh</div> | <div>SG-FC</div> <div>Coiled Wire Fabric</div> | <div>SG-RM</div> <div>Ring Mesh</div> |
|-----------------------------------------------------|-----------------------------------------|------------------------------------------------|---------------------------------------|



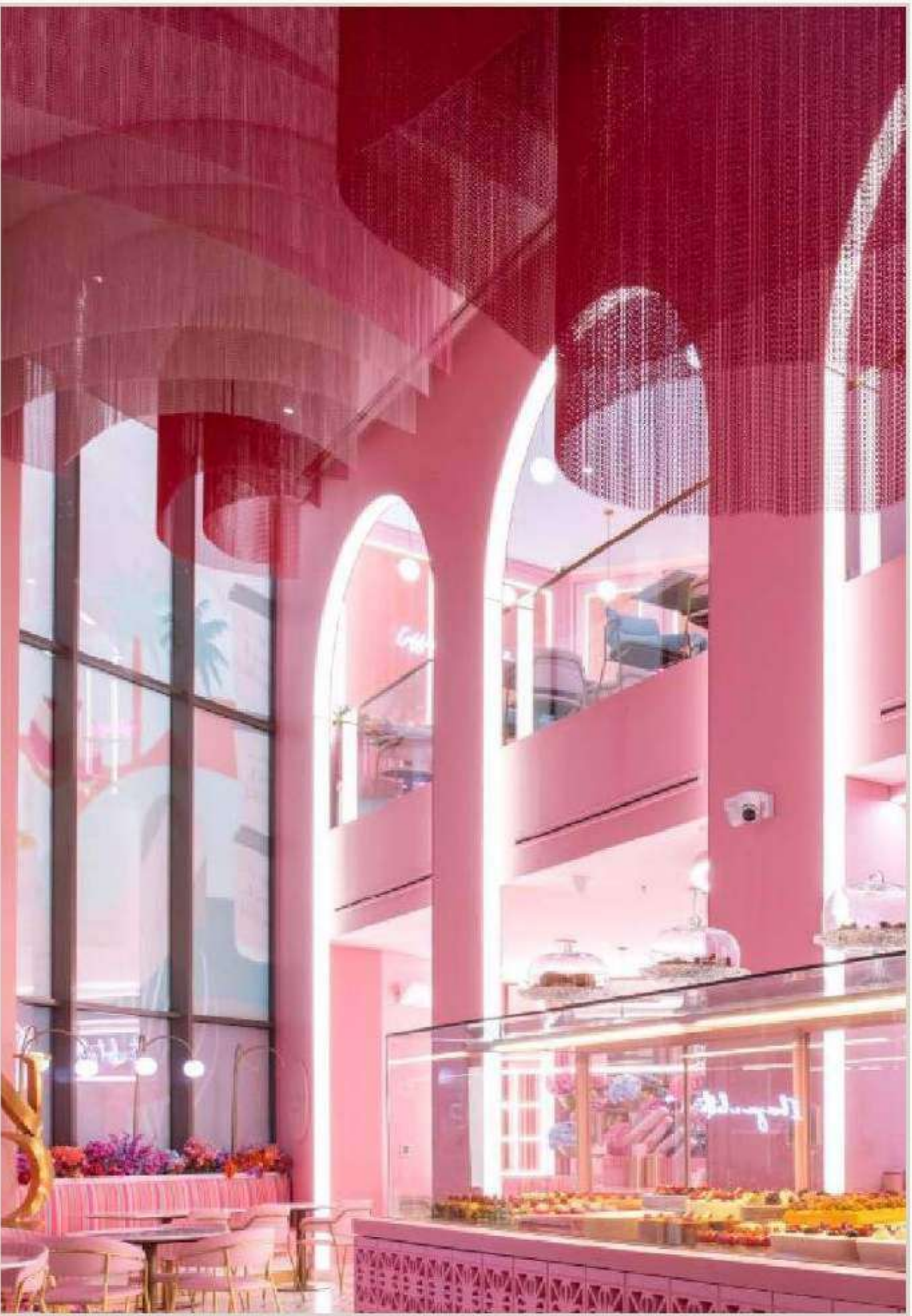
# Aluminium chain curtain for spatial division and display.

SG-CC works as a metal chain curtain for hotel, restaurant and retail interiors, chain curtain ceilings, facades and space dividers.

Custom chain curtain length, density, colour, anodized finish, curved track and fixing accessories can be developed for each project layout.



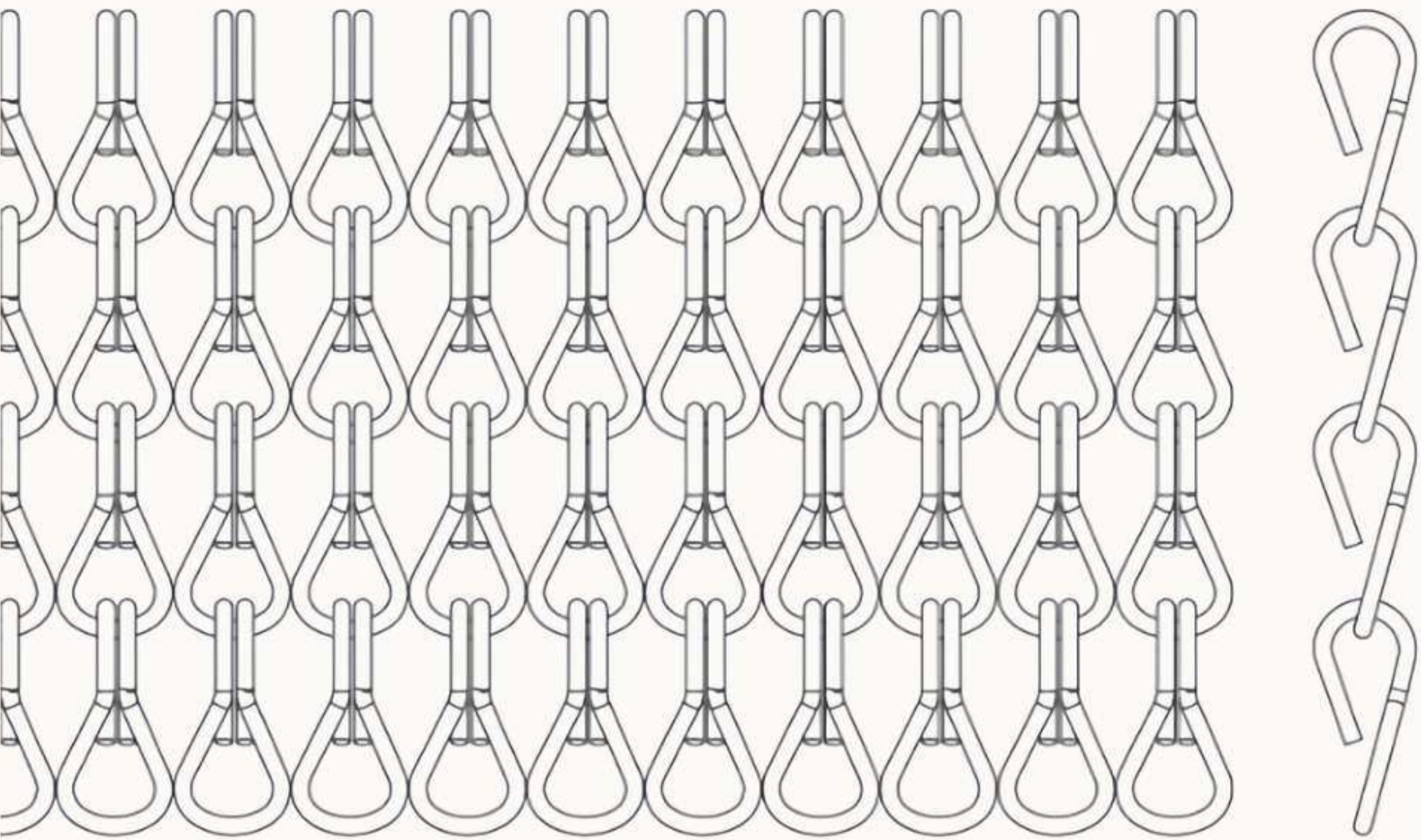
|               |                                                                                            |
|---------------|--------------------------------------------------------------------------------------------|
| OPEN AREA     | Variable                                                                                   |
| MATERIAL      | 100% aluminum material                                                                     |
| SURFACE       | Anodized                                                                                   |
| APPLICATIONS  | Hotel, restaurant, retail, space divider, ceiling, facade                                  |
| ARRANGEMENT   | Straight line (77 pcs/m), staggered (100 pcs/m)                                            |
| IMAGE DESIGN  | All images can be designed according to your needs, such as characters, trees and flowers. |
| PRODUCT SIZE  | Wire diameter × hook width × hook length: 1.6 × 9 × 17 mm, 2.0 × 12 × 24 mm                |
| SPECIAL SPECS | Special specifications are also available according to your requirements.                  |



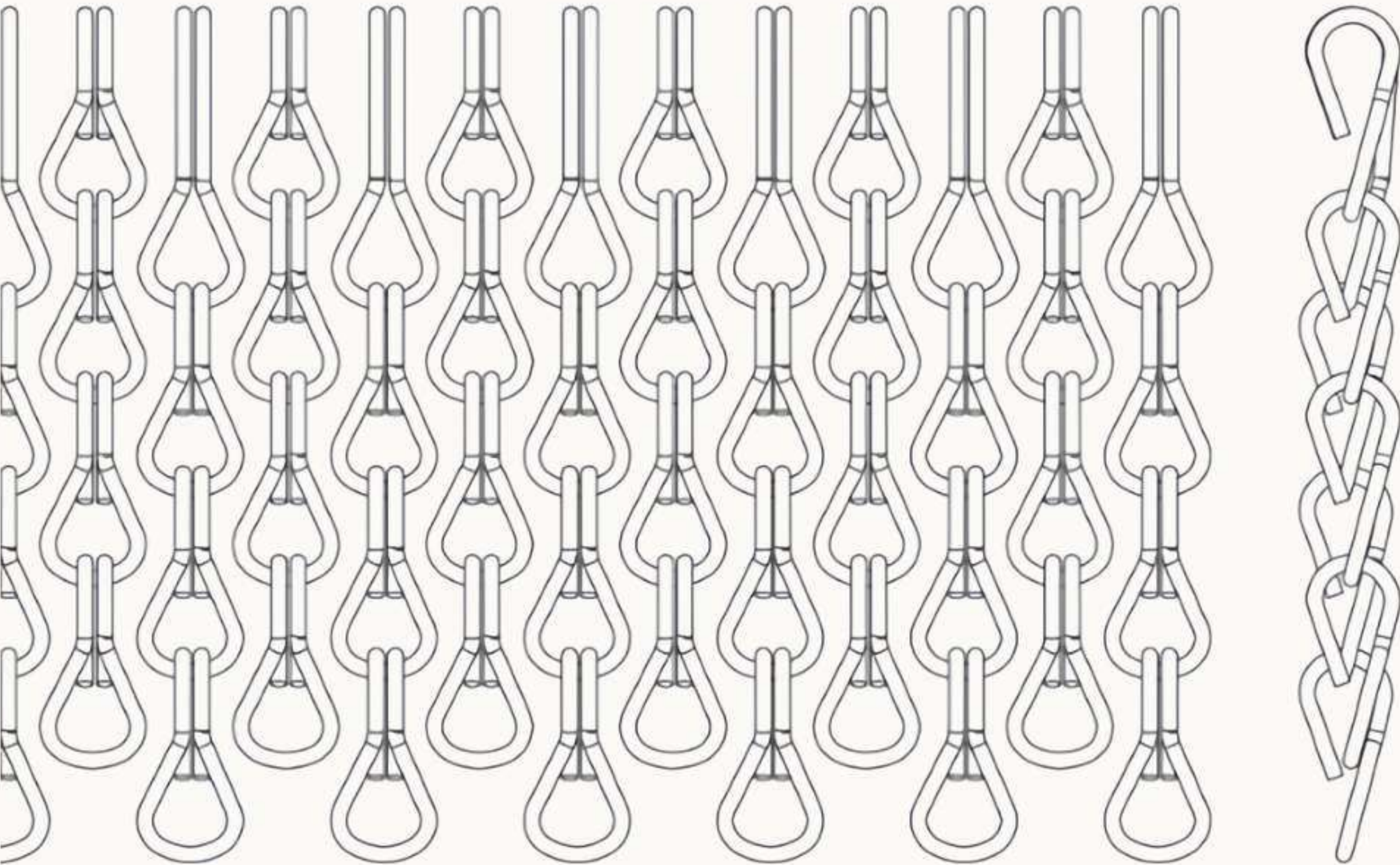


# Two standard arrangements for different density.

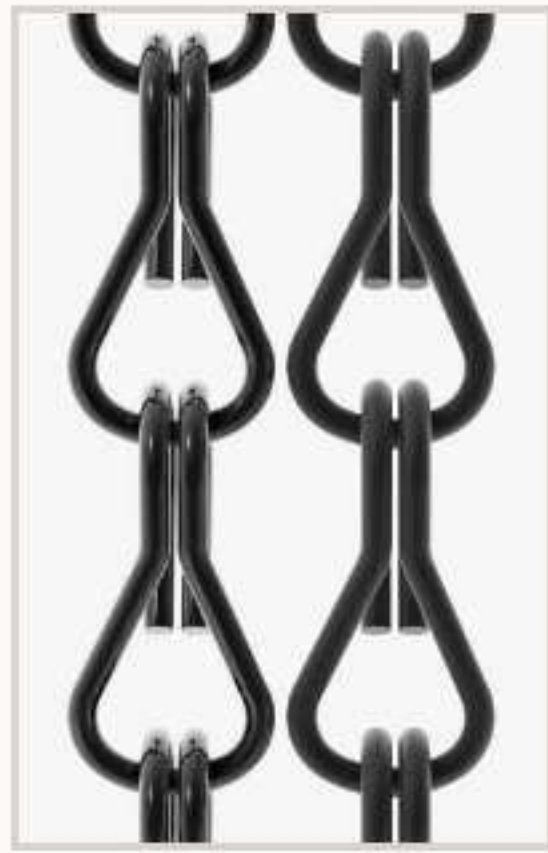
Select the chain layout according to transparency, visual density and project budget.



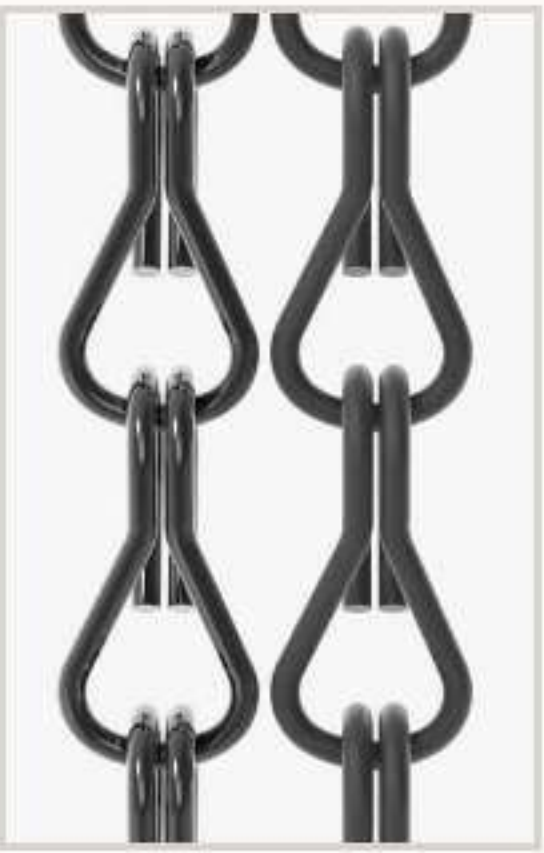
STRAIGHT LINE77 PCS/M



STAGGERED100 PCS/M



V01 BLACK  
MATTE / GLOSS



V02 GREY  
MATTE / GLOSS



V03 COFFEE  
MATTE / GLOSS



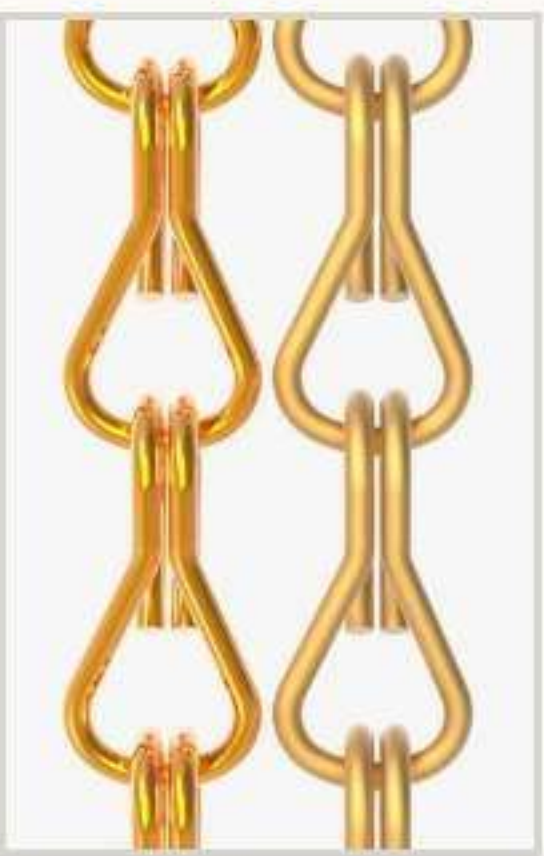
V04 BROWN  
MATTE / GLOSS



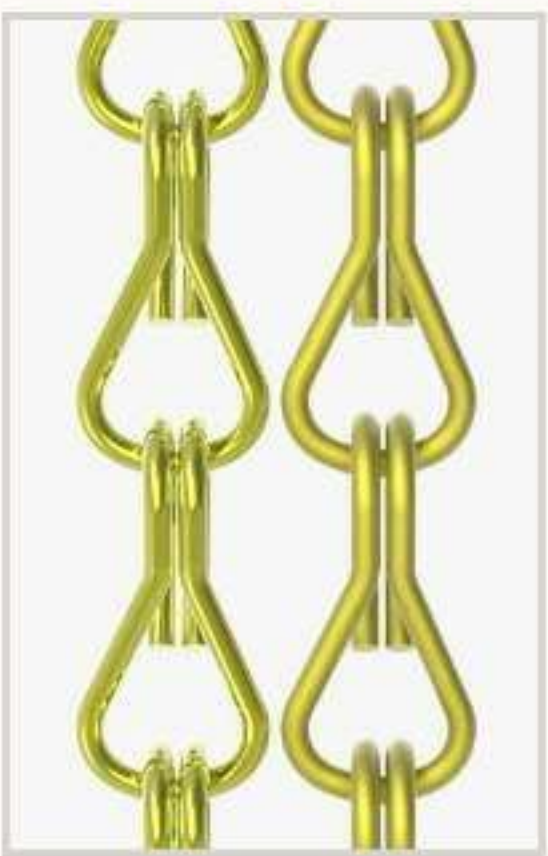
V05 SAND  
MATTE / GLOSS



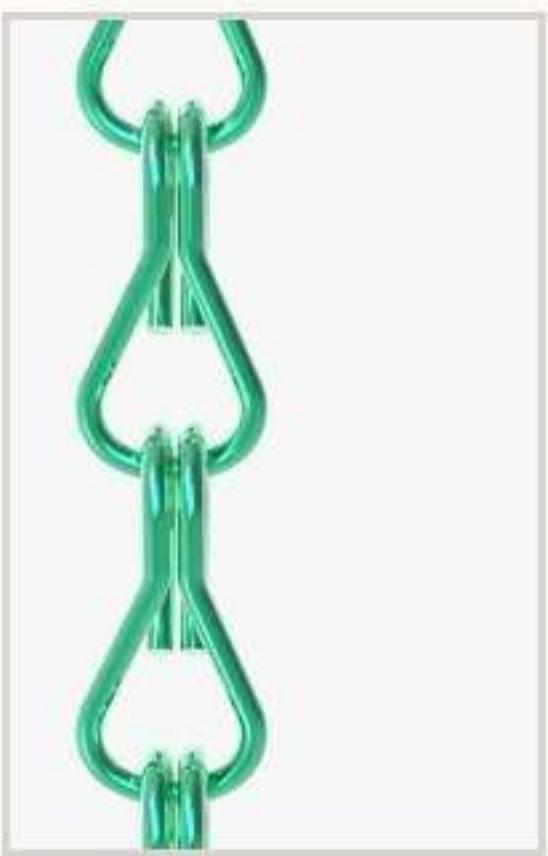
V06 APRICOT  
MATTE / GLOSS



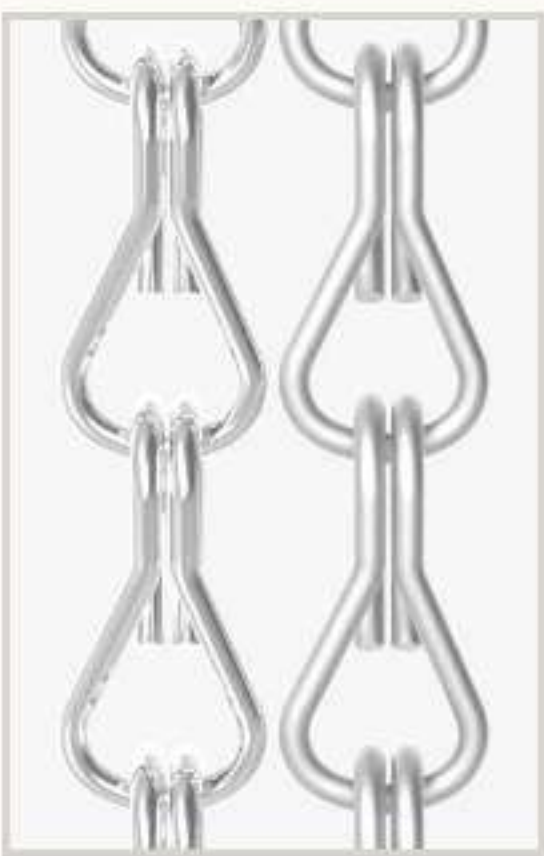
V07 GOLD  
MATTE / GLOSS



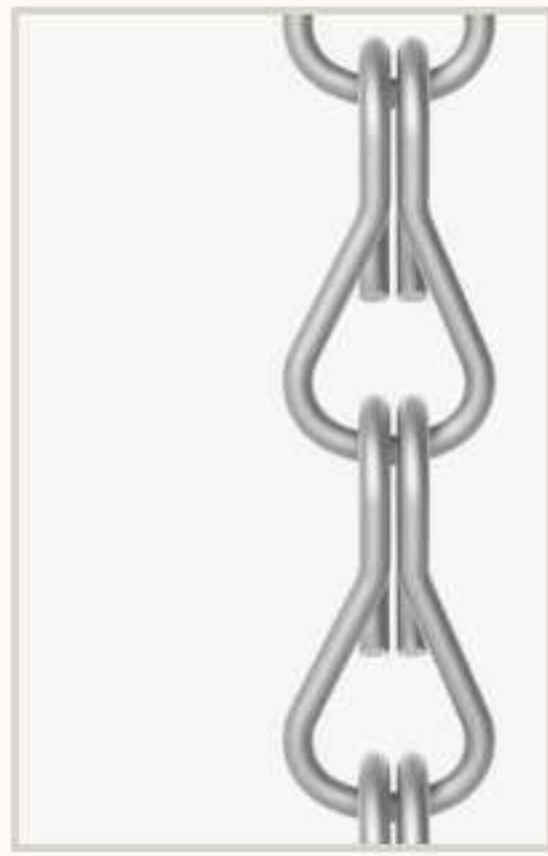
V08 LIME  
MATTE / GLOSS



V09 EMERALD  
GLOSS



V10 SILVER  
MATTE / GLOSS



V11 NICKEL  
MATTE



V12 BLUE  
MATTE / GLOSS



V13 ORANGE  
MATTE / GLOSS



V14 RED  
MATTE / GLOSS



V15 AMETHYST  
MATTE / GLOSS



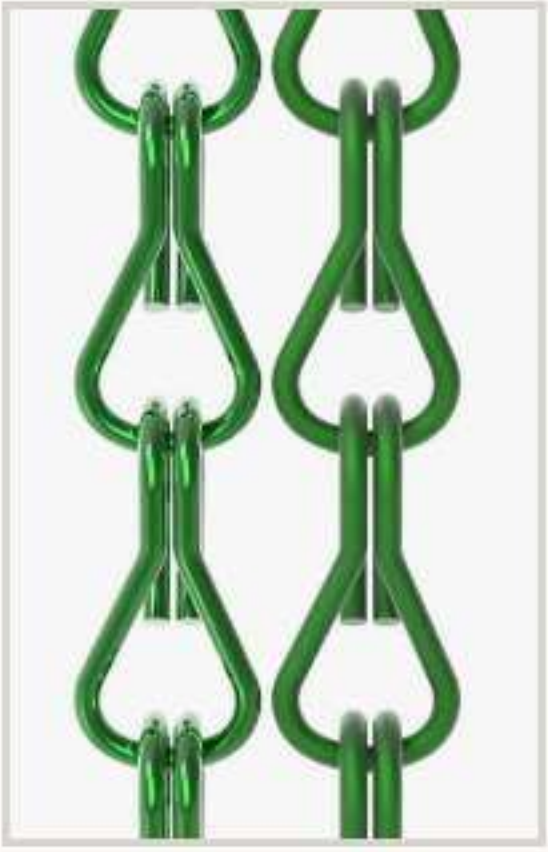
V16 PALE PINK  
MATTE / GLOSS



V17 DARK BROWN  
MATTE / GLOSS



V18 BRIGHT ORANGE  
MATTE / GLOSS



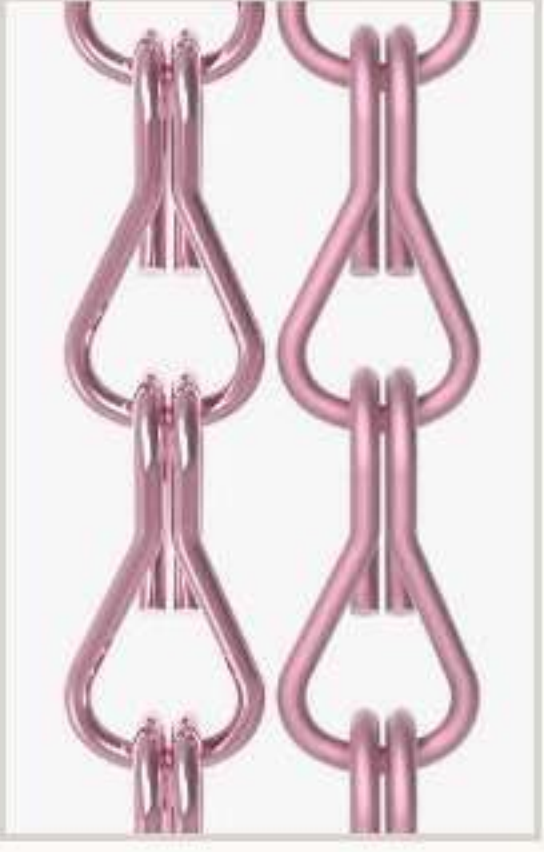
V19 MOSS  
MATTE / GLOSS



V20 GRASS GREEN  
MATTE / GLOSS



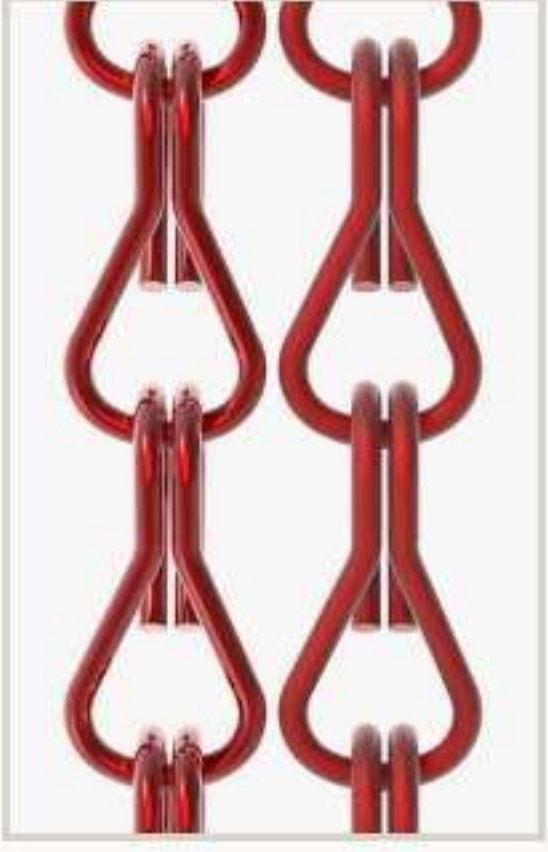
V21 GREEN  
MATTE / GLOSS



V22 FLORID PINK  
MATTE / GLOSS



V23 PINK  
MATTE / GLOSS



V24 PASSION RED  
MATTE / GLOSS



V25 LILAC  
MATTE / GLOSS



# Chain curtain can carry graphics, logos and spatial patterns.

Different chain colours, densities and drop lengths can be arranged to create decorative images, gradients, brand marks or zoning effects.

Send artwork, logo files, reference images or a simple concept. SGORIA can translate the idea into a buildable chain layout for review.



| ARTWORK INPUT                                | PATTERN METHOD                                      | PROJECT SCENES                                           | SUPPORT                                                  |
|----------------------------------------------|-----------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Logo, sketch, reference image or vector file | Colour mix, density change and chain length control | Hotels, restaurants, retail stores and art installations | Layout proposal, sample direction and installation notes |



# Spiral wire texture for flexible architectural screens.

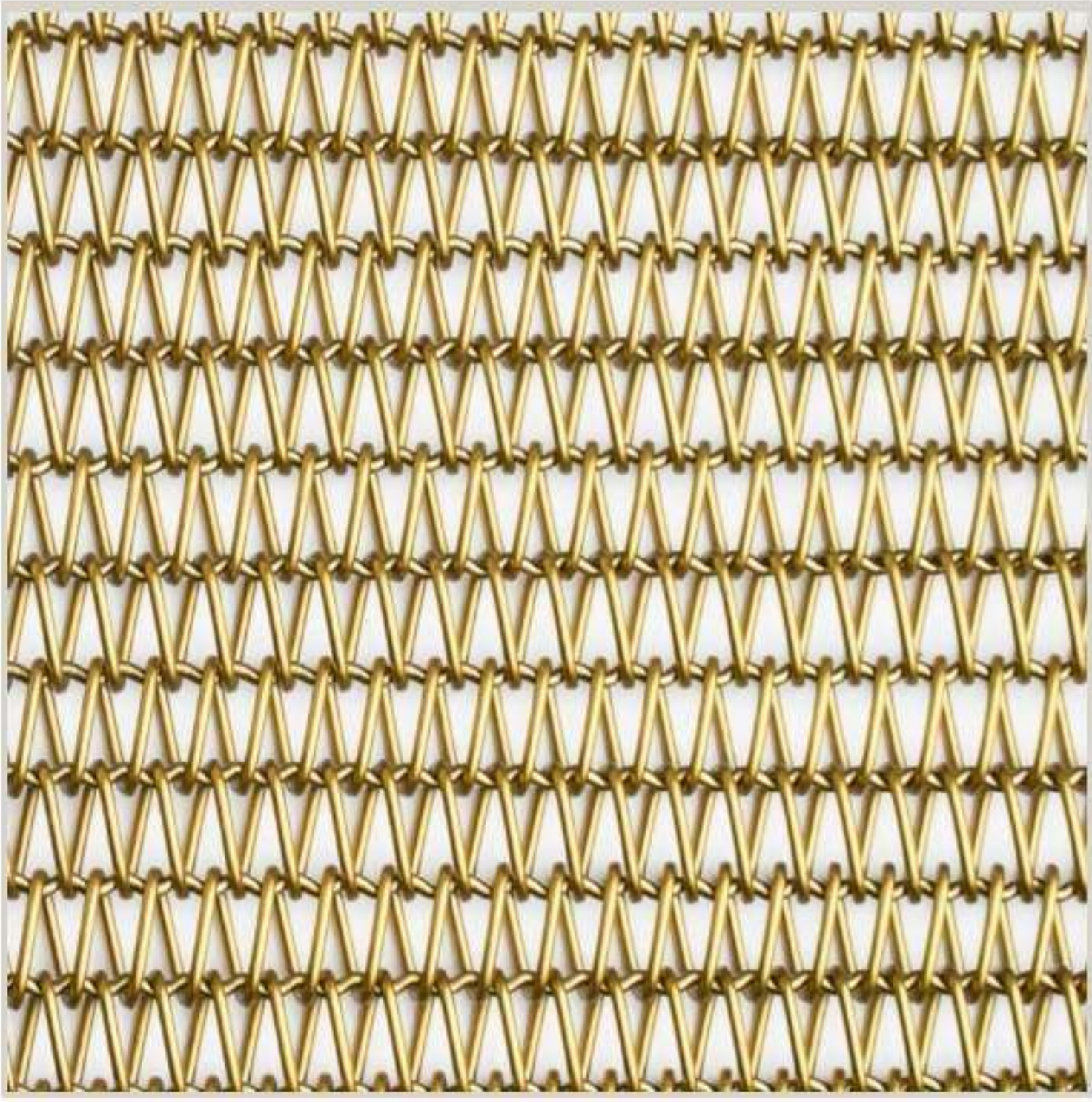
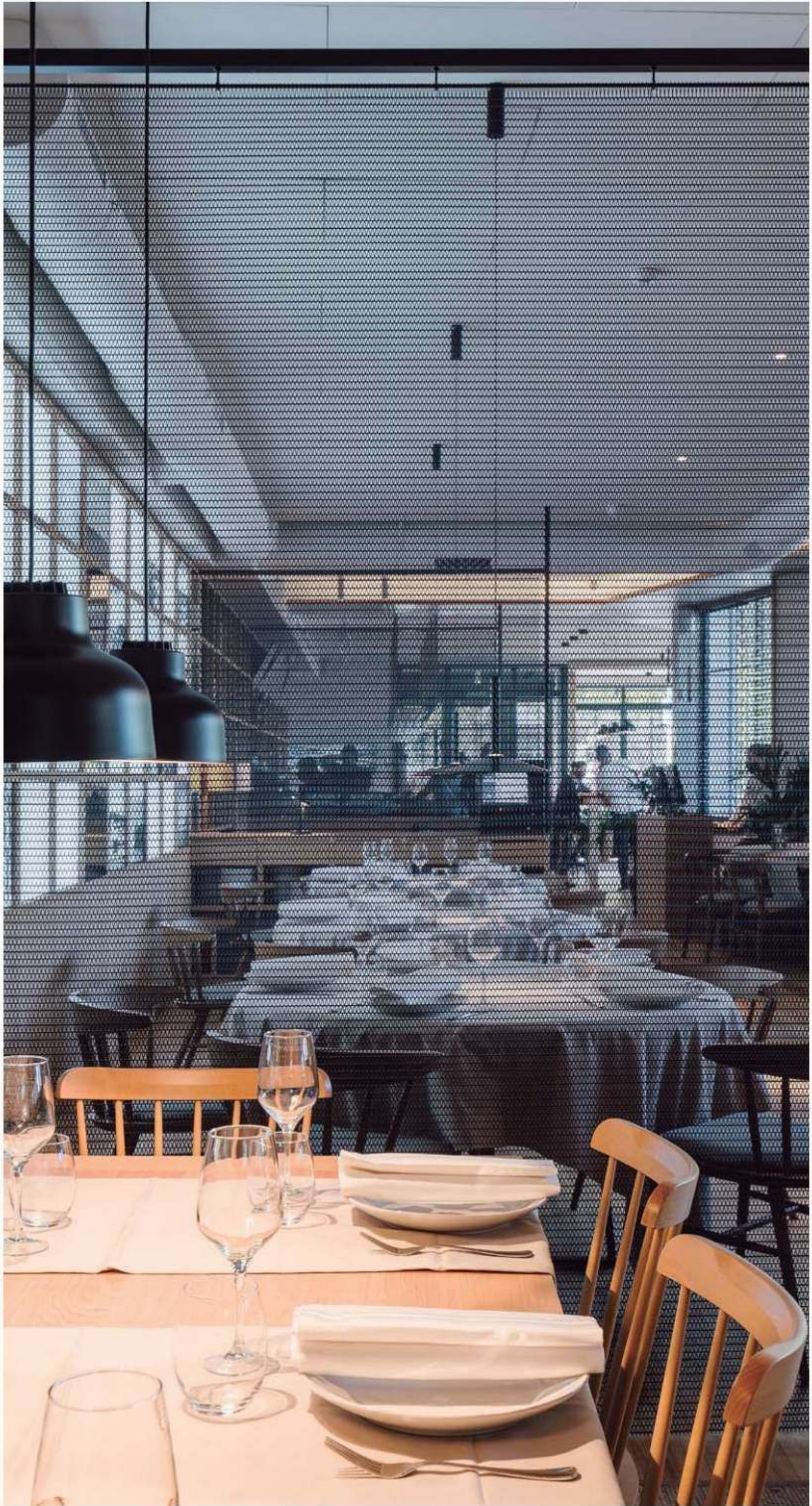
SG-SP uses interlocked spiral wires to create a resilient metal fabric for curtains, ceilings, partitions and facade layers.

Opening, spiral pitch, wire diameter, edge detail, hanging method and finish can be customized for project scale and visual density.

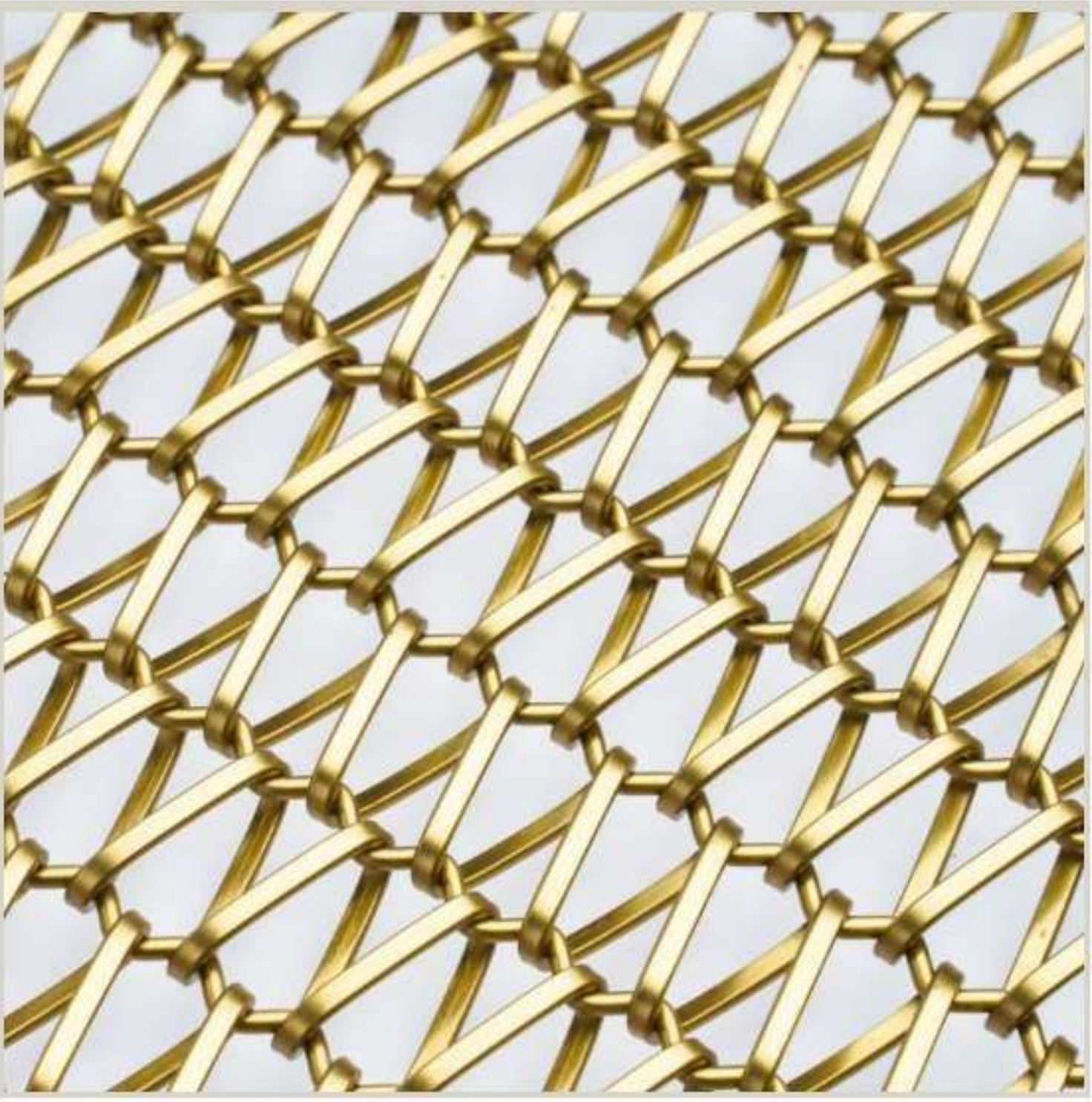
COLOR OPTIONS



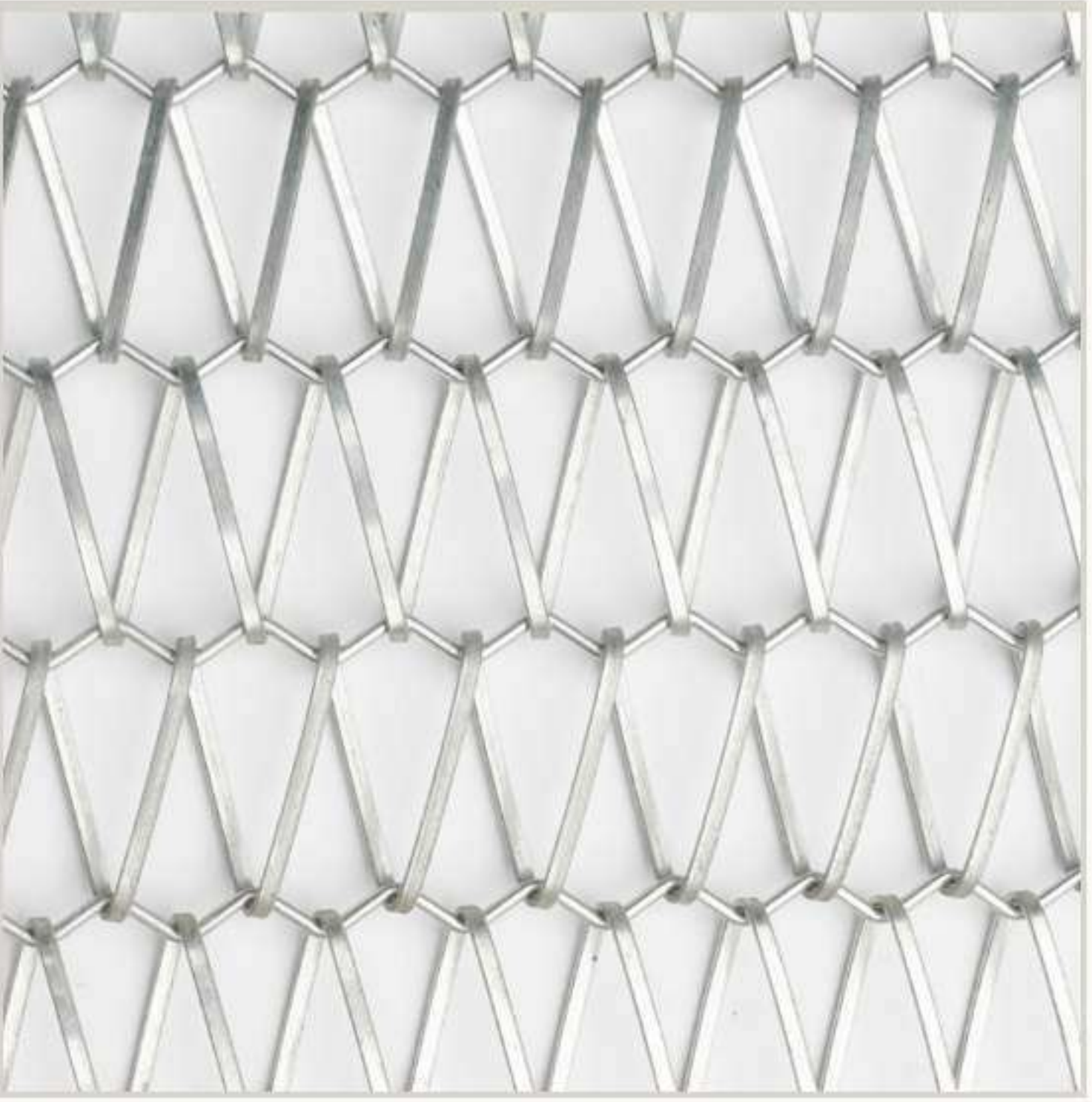
|               |                                                           |
|---------------|-----------------------------------------------------------|
| MATERIAL      | Stainless Steel / Aluminum / Copper Alloy                 |
| OPEN AREA     | 35%-80%                                                   |
| WIRE DIAMETER | 0.8-2.5 mm                                                |
| APPLICATIONS  | Partition, ceiling, facade, sunshade, wall covering       |
| CUSTOM        | Spiral pitch, opening, panel size, edge and fixing method |



**FINE SPIRAL**  
Closer visual density for interior partitions



**MEDIUM SPIRAL**  
Balanced openness for ceiling and wall use



**LARGE SPIRAL**  
Lighter texture for facade and screen layers



# Coiled wire fabric for soft architectural drapery.

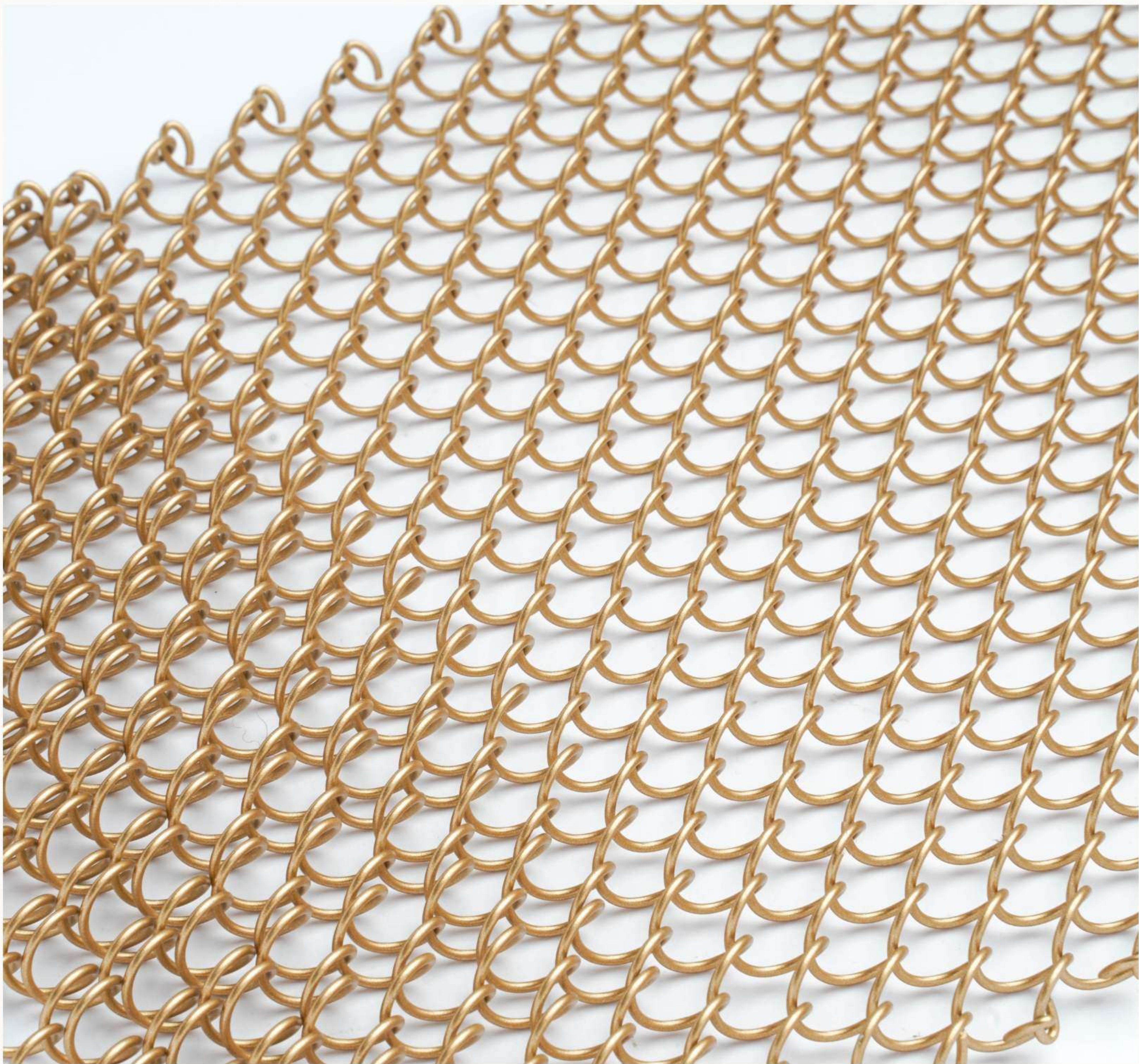
SG-FC is an architectural coil drapery and metal mesh curtain for partitions, ceilings, facades, sunshade and wall covering.

Coil size, panel height, fullness, track direction, color and finish can be customized for movement, privacy and lighting requirements.

COLOR OPTIONS



|                |                                                     |
|----------------|-----------------------------------------------------|
| MATERIAL       | SS304 / SS316                                       |
| OPEN AREA      | 40%-85%                                             |
| THICKNESS      | 2mm-13MM                                            |
| APPLICATIONS   | Partition, ceiling, facade, sunshade, wall covering |
| SURFACE FINISH | Baking varnish and plating                          |



**SMALL OPENING**

Fine coil density for closer privacy and texture



**MEDIUM OPENING**

Balanced openness for interior and ceiling use



**LARGE OPENING**

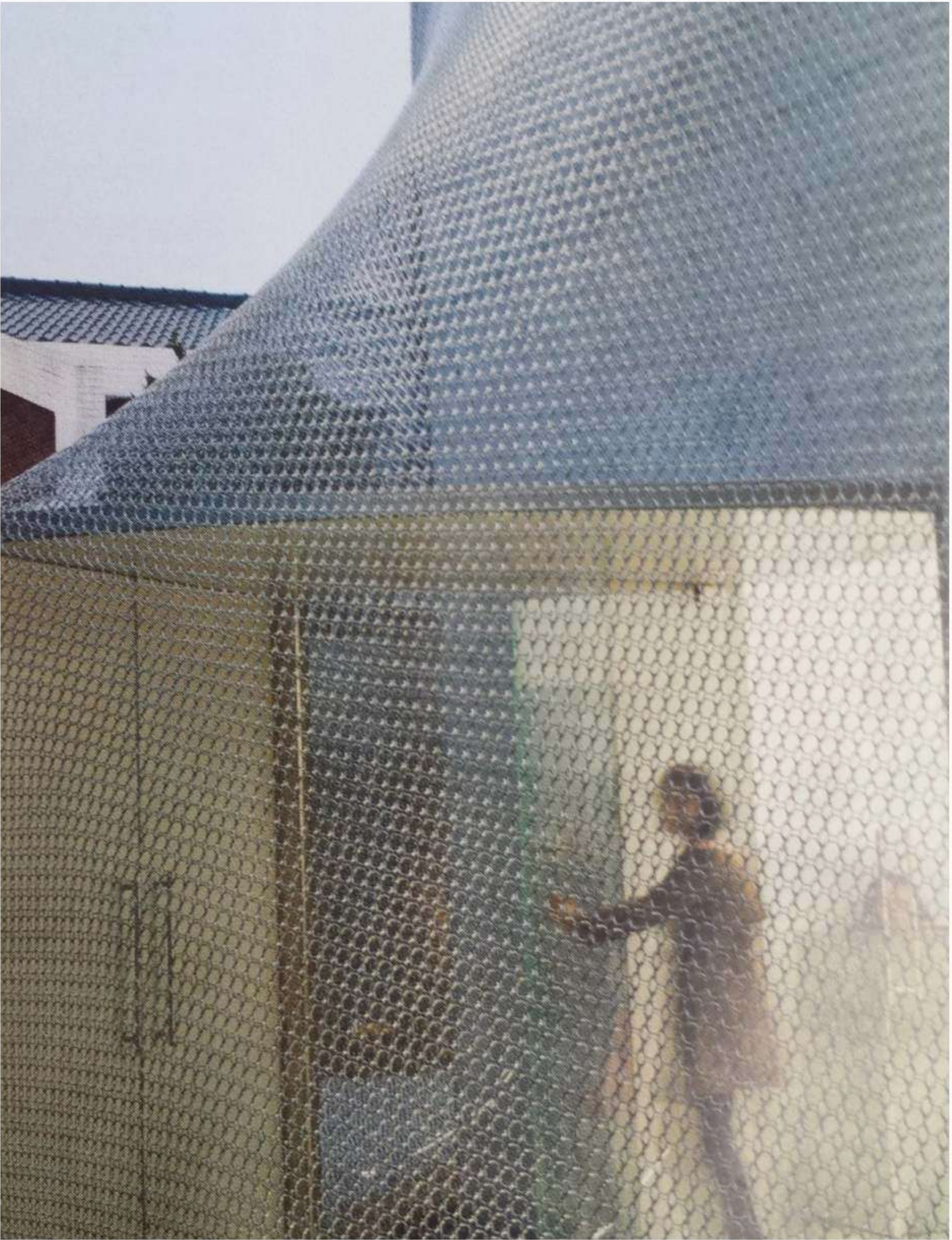
Lighter drapery effect for facade and sunshade



# Linked ring texture with strong decorative depth.

SG-RM works as a flexible metal layer for feature walls, curtains, screens and spatial accents.

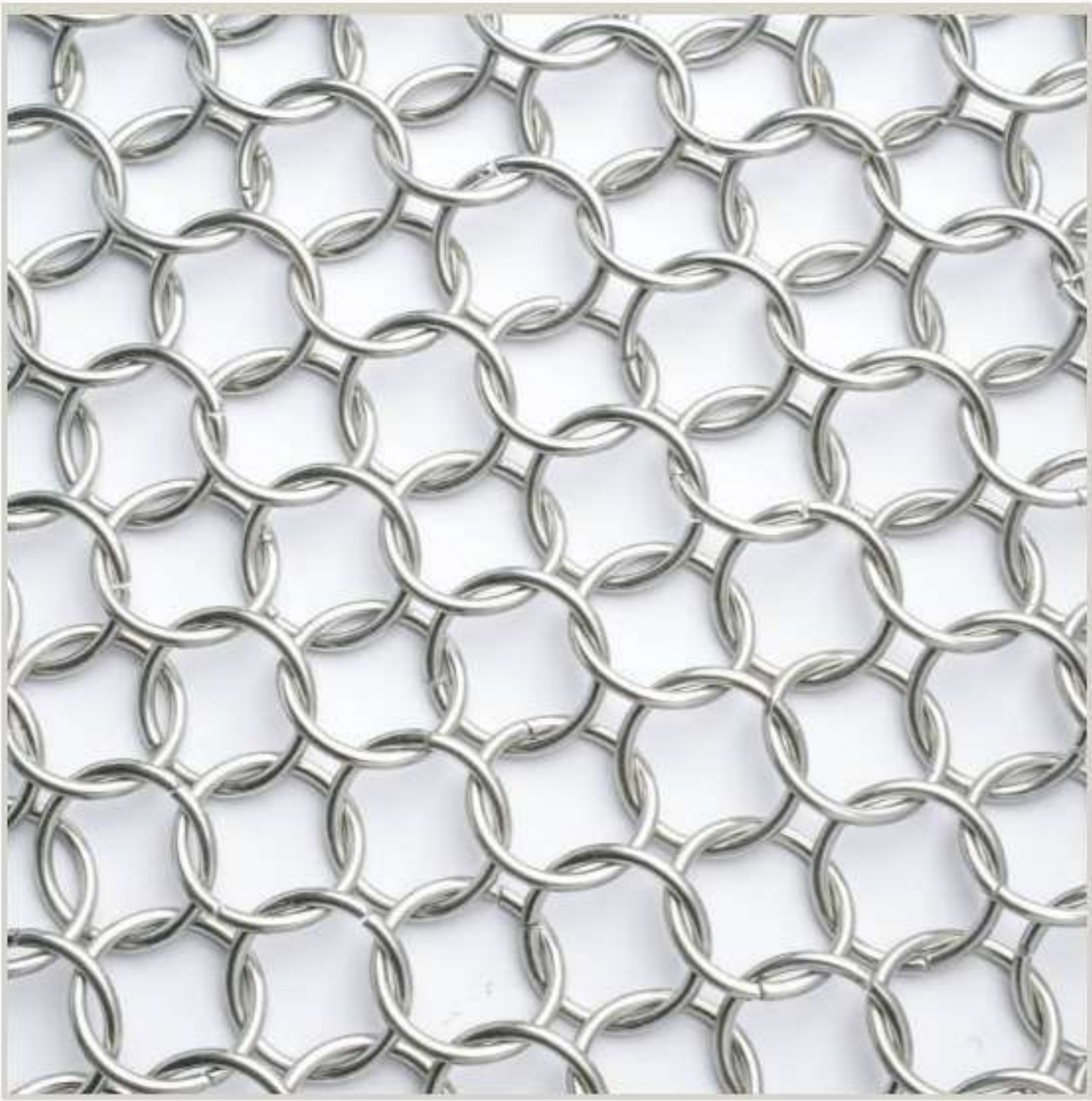
Ring diameter, wire thickness, density, panel size and surface color can be developed for different visual weights and transparency levels.



COLOR OPTIONS



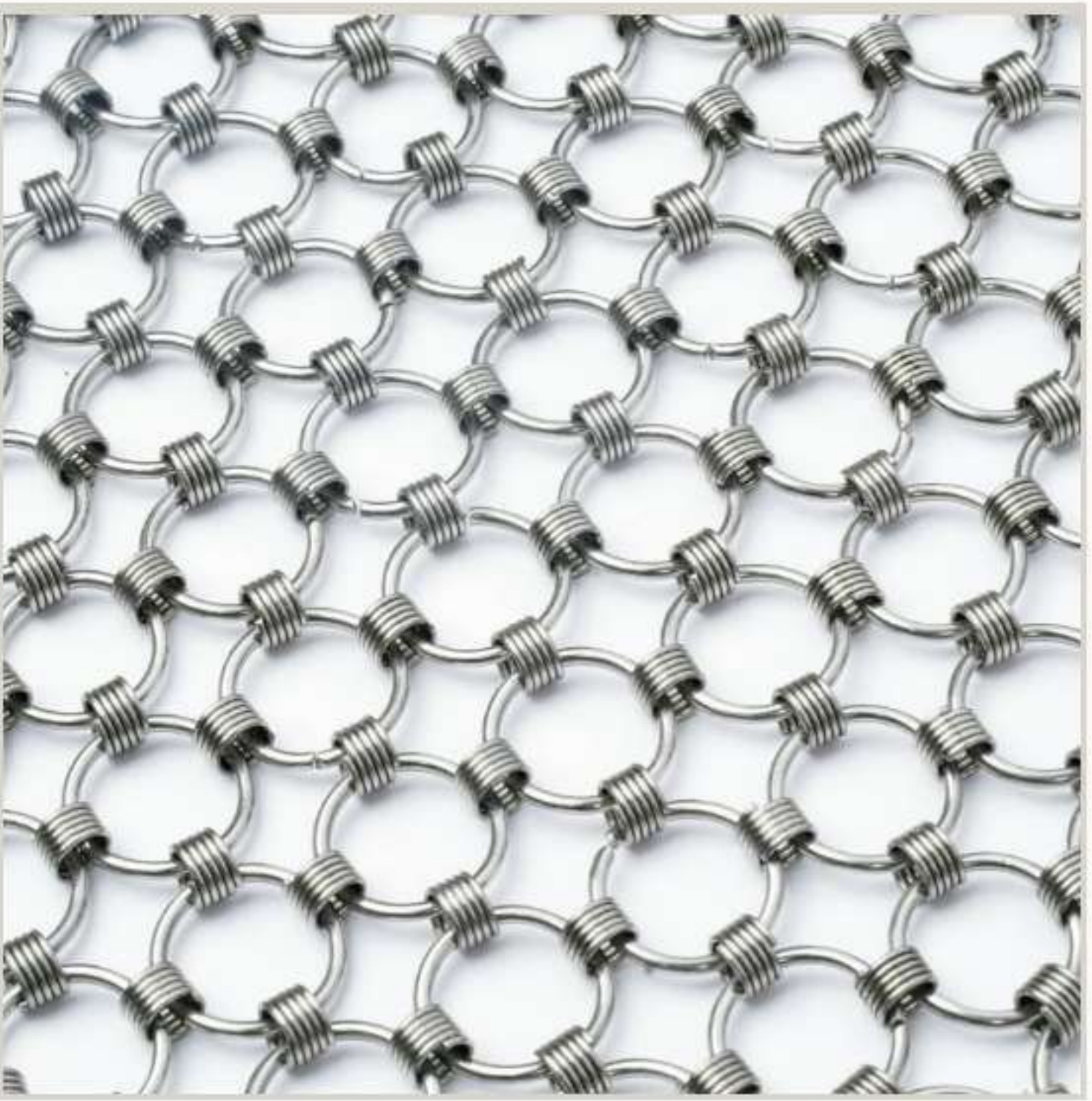
|                   |                            |
|-------------------|----------------------------|
| MATERIAL          | SS304 / SS316              |
| OPEN AREA         | 35%-85%                    |
| RING OD (B)       | 7mm-40mm                   |
| WIRE DIAMETER (A) | 0.8mm-3mm                  |
| SURFACE FINISH    | Baking varnish and plating |



**SG-RM-001**  
Open Area 56%



**SG-RM-002**  
Open Area 65%

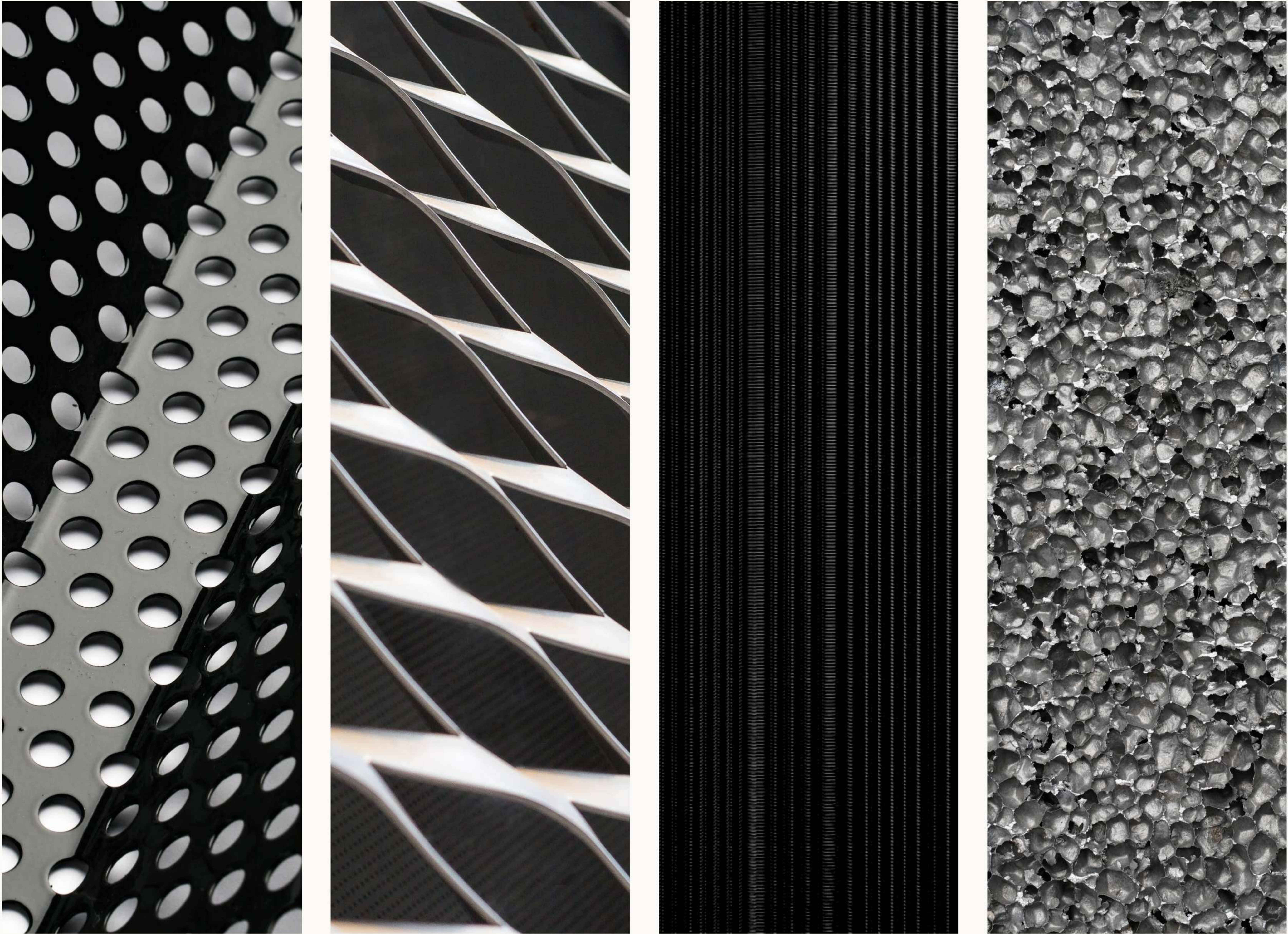


**SG-RM-003**  
Open Area 53%



# Controlled patterns for repeatable architectural surfaces.

Perforated sheet, expanded metal, laminated glass mesh and aluminum foam extend SGORIA beyond woven mesh.



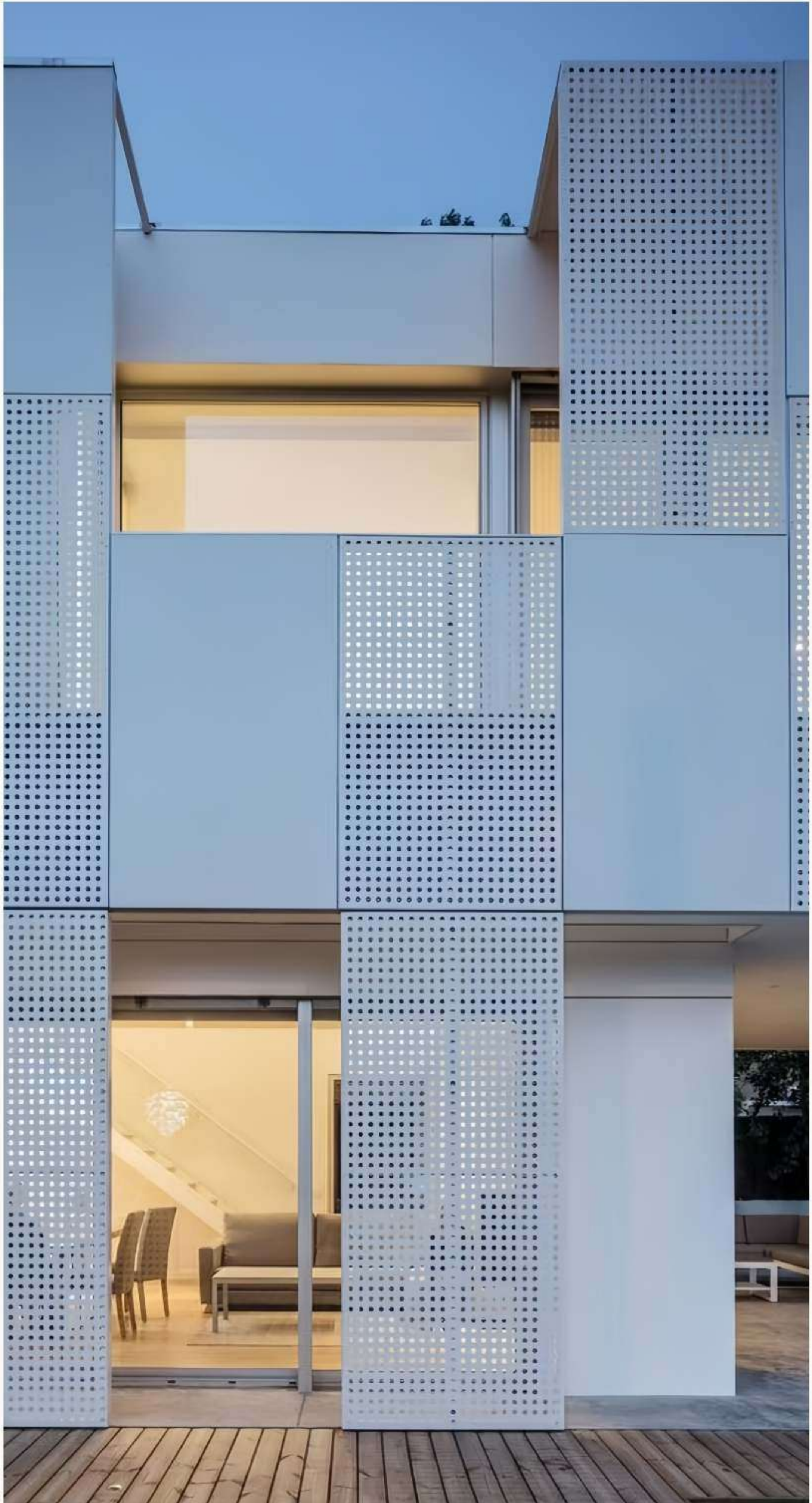
|                                              |                                            |                                                  |                                           |
|----------------------------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------|
| <div>SG-PH</div> <div>Perforated Sheet</div> | <div>SG-EX</div> <div>Expanded Metal</div> | <div>SG-LG</div> <div>Laminated Glass Mesh</div> | <div>SG-AF</div> <div>Aluminum Foam</div> |
|----------------------------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------|



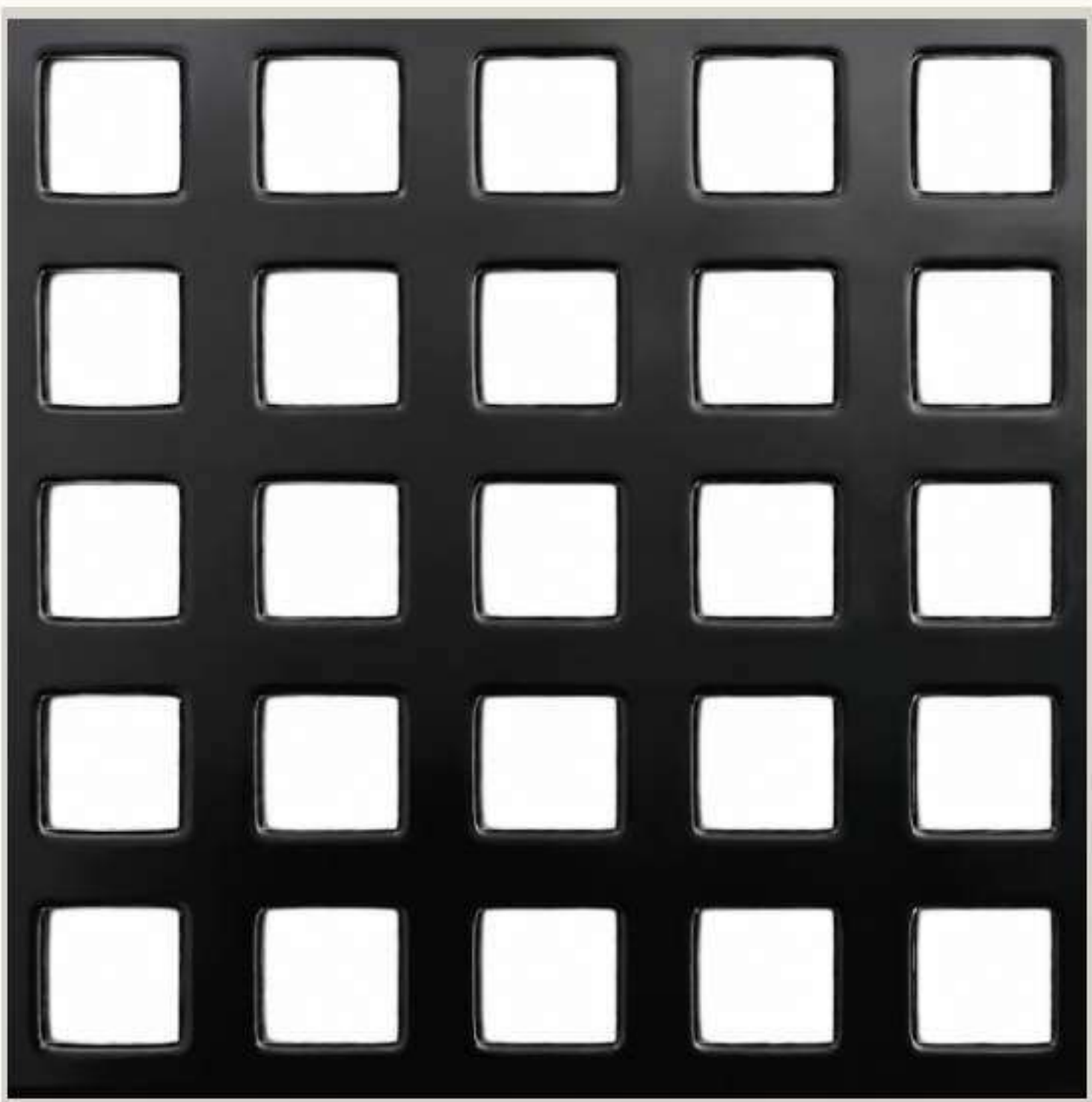
# Custom perforated metal for controlled pattern and performance.

SG-PH custom perforated metal supports facades, ceilings, walls and equipment screens where repeatable openings and stable panels are required.

Hole shape, pitch, thickness, panel size and finish can be customized for different visual density, airflow, light control and decorative effect.



|                 |                                                              |
|-----------------|--------------------------------------------------------------|
| OPEN AREA       | 20%–80%                                                      |
| SHEET THICKNESS | 0.5–10 mm                                                    |
| MATERIAL        | Stainless Steel / Aluminum / Galvanized Steel / Carbon Steel |
| SURFACE FINISH  | Mill Finish / Galvanized / Powder Coated / Anodized          |
| COLOR           | Silver / Black / White / Bronze / Gold / Customized          |
| HOLE SHAPE      | Round / Square / Slot / Hexagonal / Decorative / Customized  |



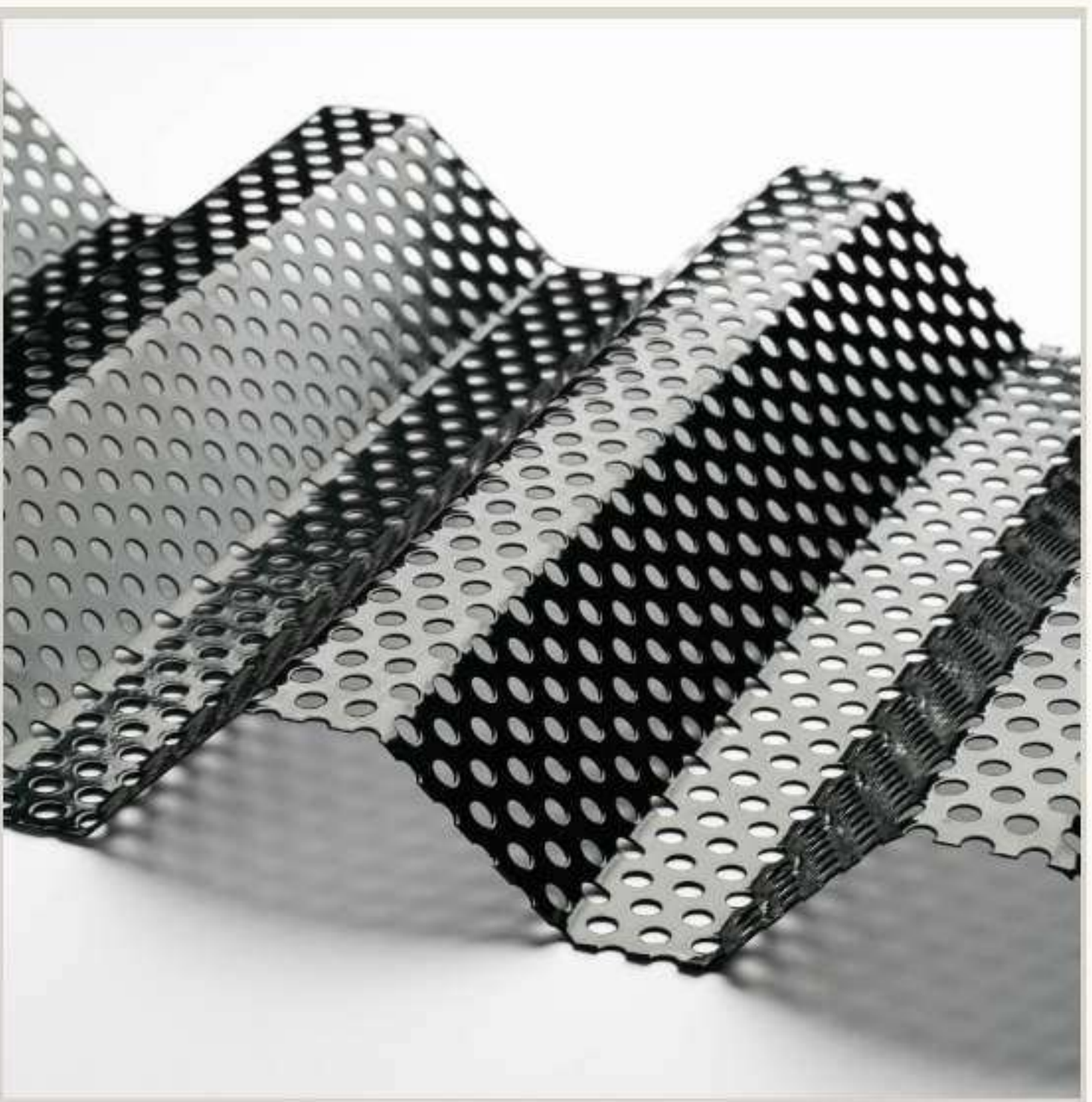
## SQUARE HOLE

Clean geometric opening for stable repeat panels



## HEXAGONAL HOLE

Higher visual rhythm for screens and cladding



## CUSTOM HOLE

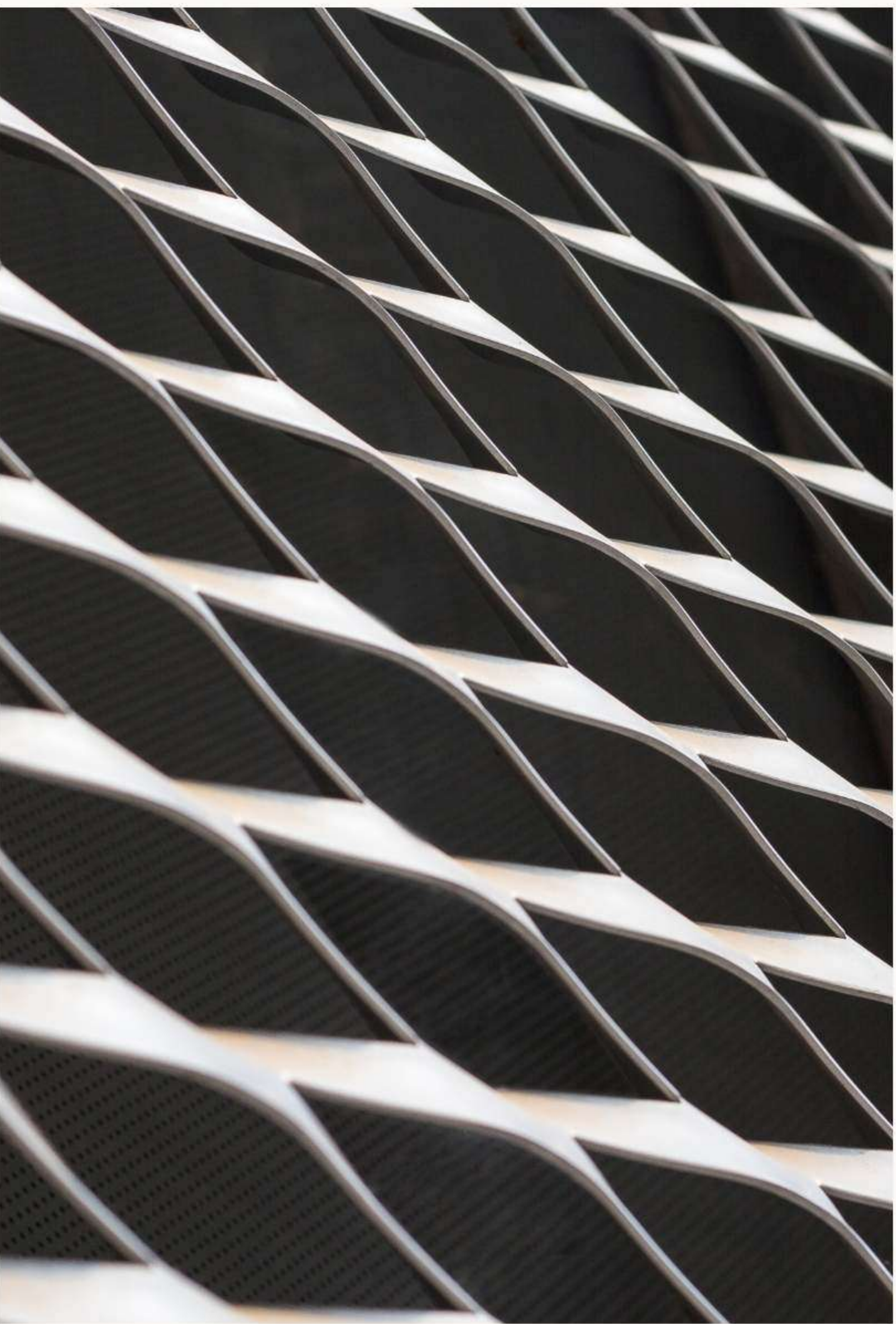
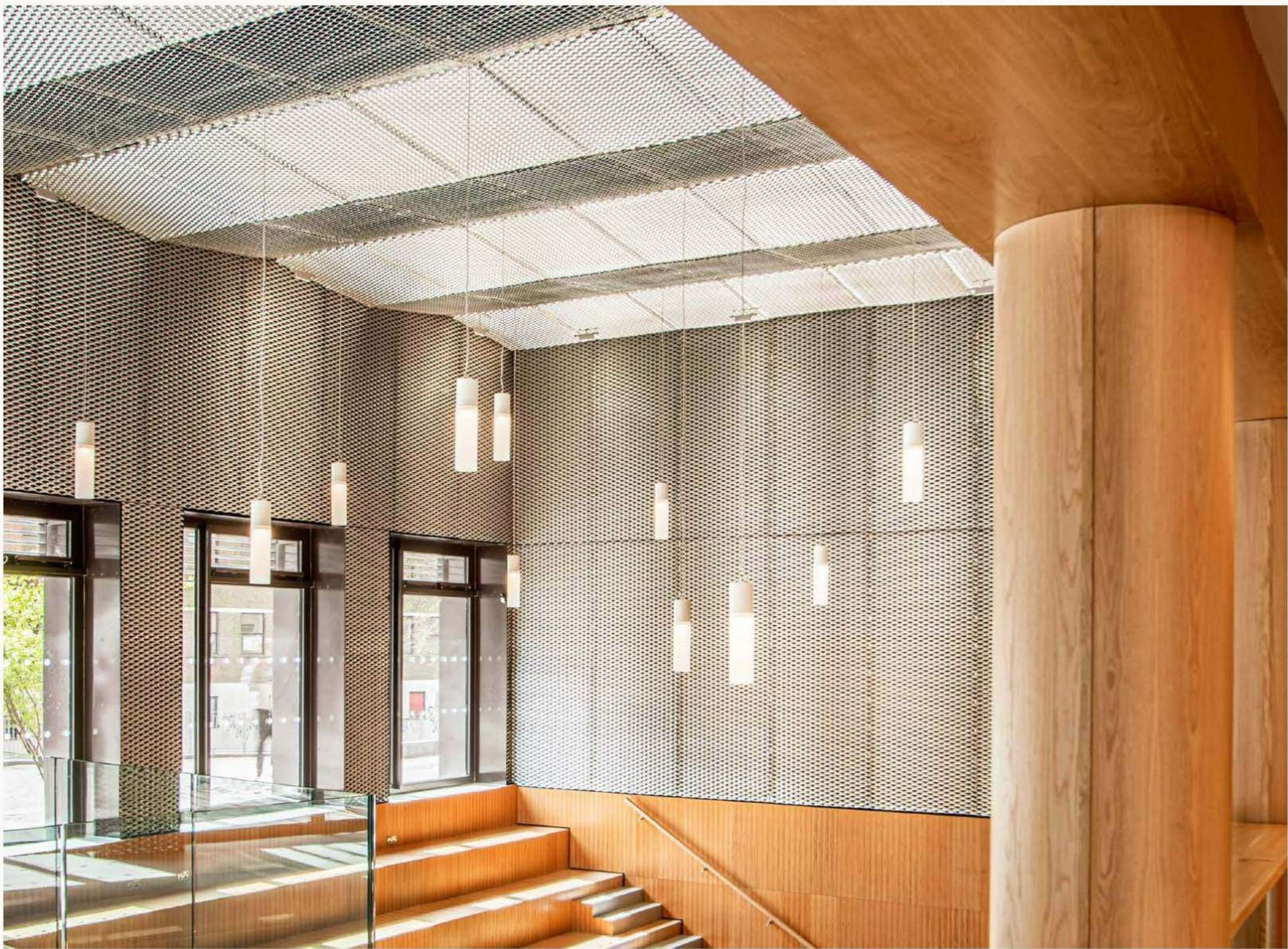
Decorative patterns developed by drawing or sample



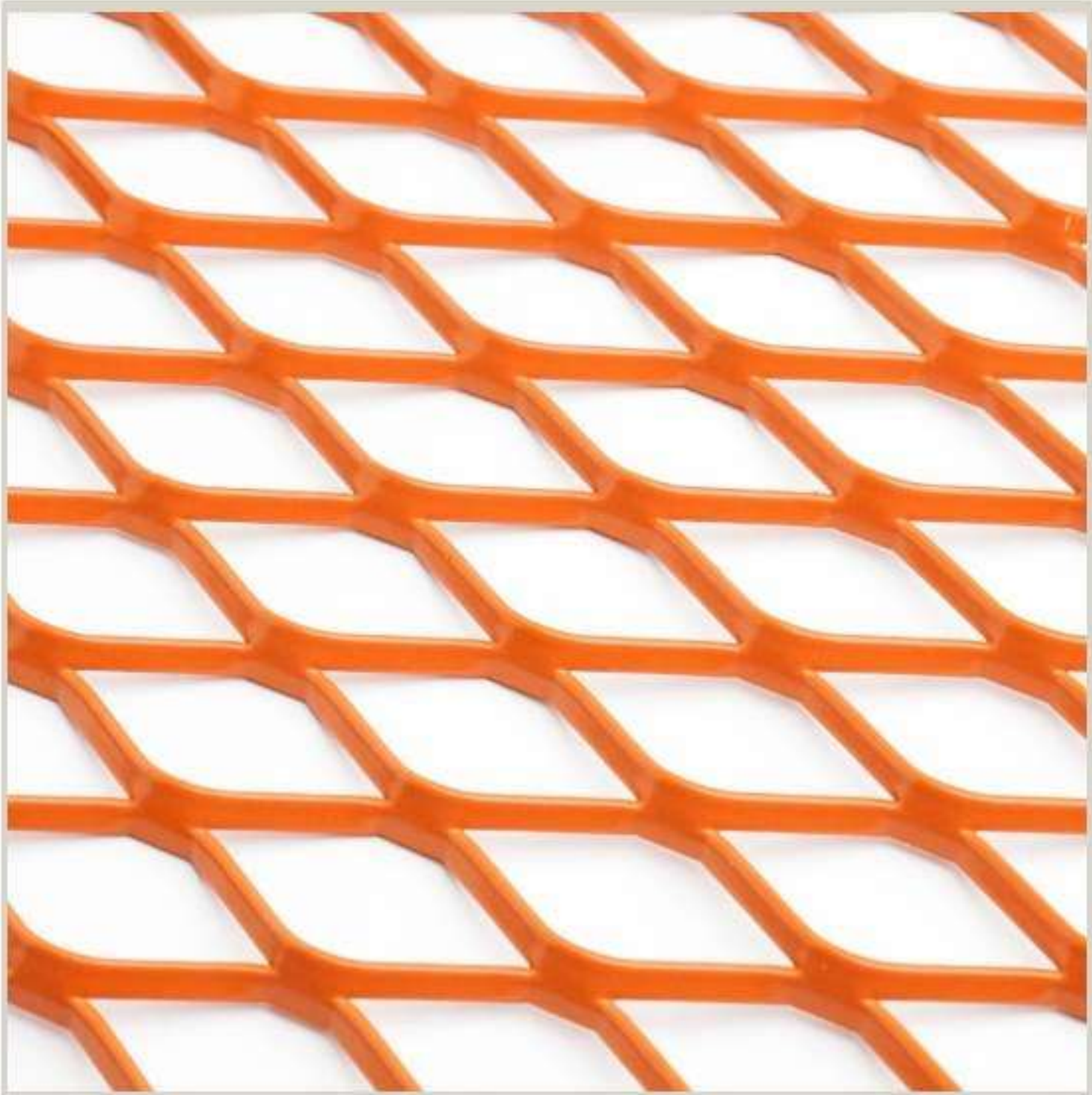
# Expanded geometry for rigid and lightweight surfaces.

SG-EX creates strong directional texture for facades, parking structures, ceilings and protective architectural layers.

Strand width, opening size, panel thickness, orientation and finish can be adjusted by project requirement.

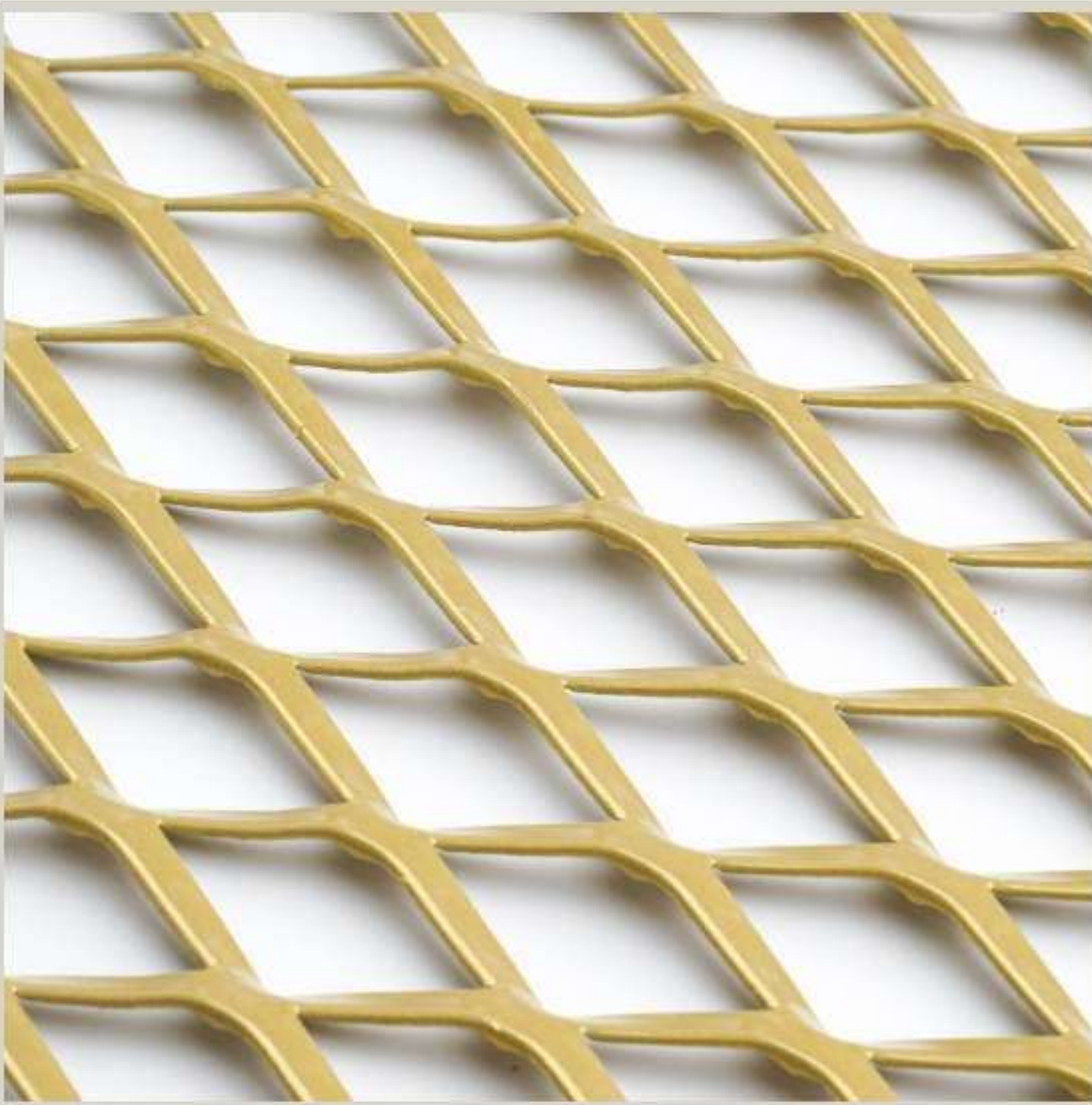


|                 |                                                            |
|-----------------|------------------------------------------------------------|
| OPEN AREA       | 30%–80%                                                    |
| SHEET THICKNESS | 0.01–3.0 mm                                                |
| APPLICATIONS    | Facade, parking, ceiling, enclosure                        |
| COLOR           | Silver / Black / White / Bronze / Gold / Customized        |
| CUSTOM          | Opening, strand width, thickness, orientation and finish   |
| SURFACE FINISH  | Mill Finish / Galvanized / Powder Coated / Anodized / PVDF |



### SMALL OPENING

Fine expanded pattern for close-view panels



### MEDIUM OPENING

Balanced openness, rigidity and visual rhythm



### LARGE OPENING

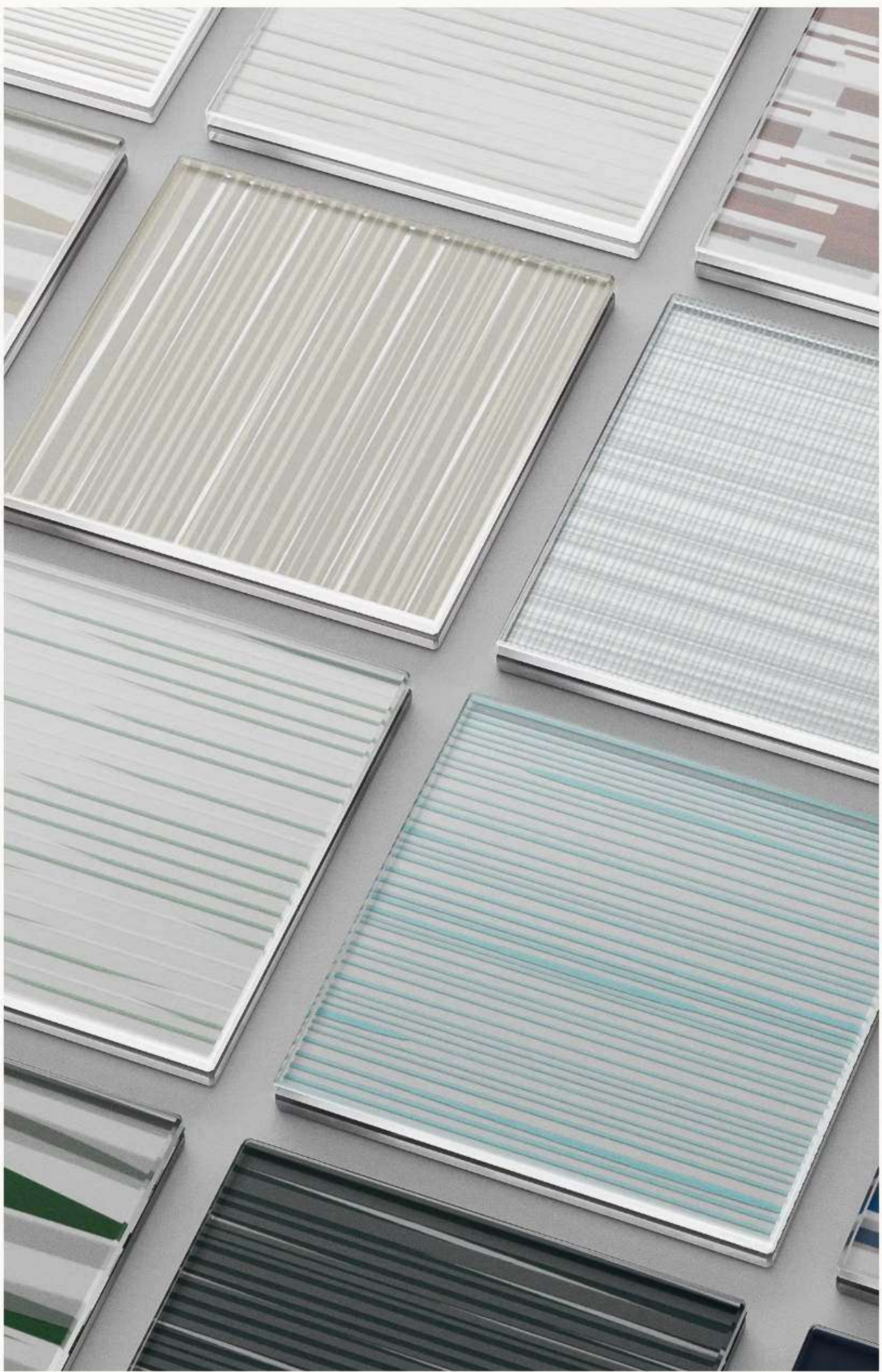
Lightweight texture for facades and enclosures



# Woven metal interiors sealed inside architectural glass.

SG-LG combines 100+ mesh patterns with glass surfaces for partitions, balustrades, doors, elevator cabins and decorative panels.

Standard and custom patterns can be developed with the required glass build-up, color, transparency and panel size.



|               |                                                    |
|---------------|----------------------------------------------------|
| OPEN AREA     | 20%–80%                                            |
| WIRE DIAMETER | 0.1–0.4 mm                                         |
| MATERIAL      | Stainless Steel / Brass / Copper / Aluminum        |
| APPLICATIONS  | Glass partition, door, balustrade, elevator cab    |
| CUSTOM        | Mesh pattern, glass build-up, color and panel size |

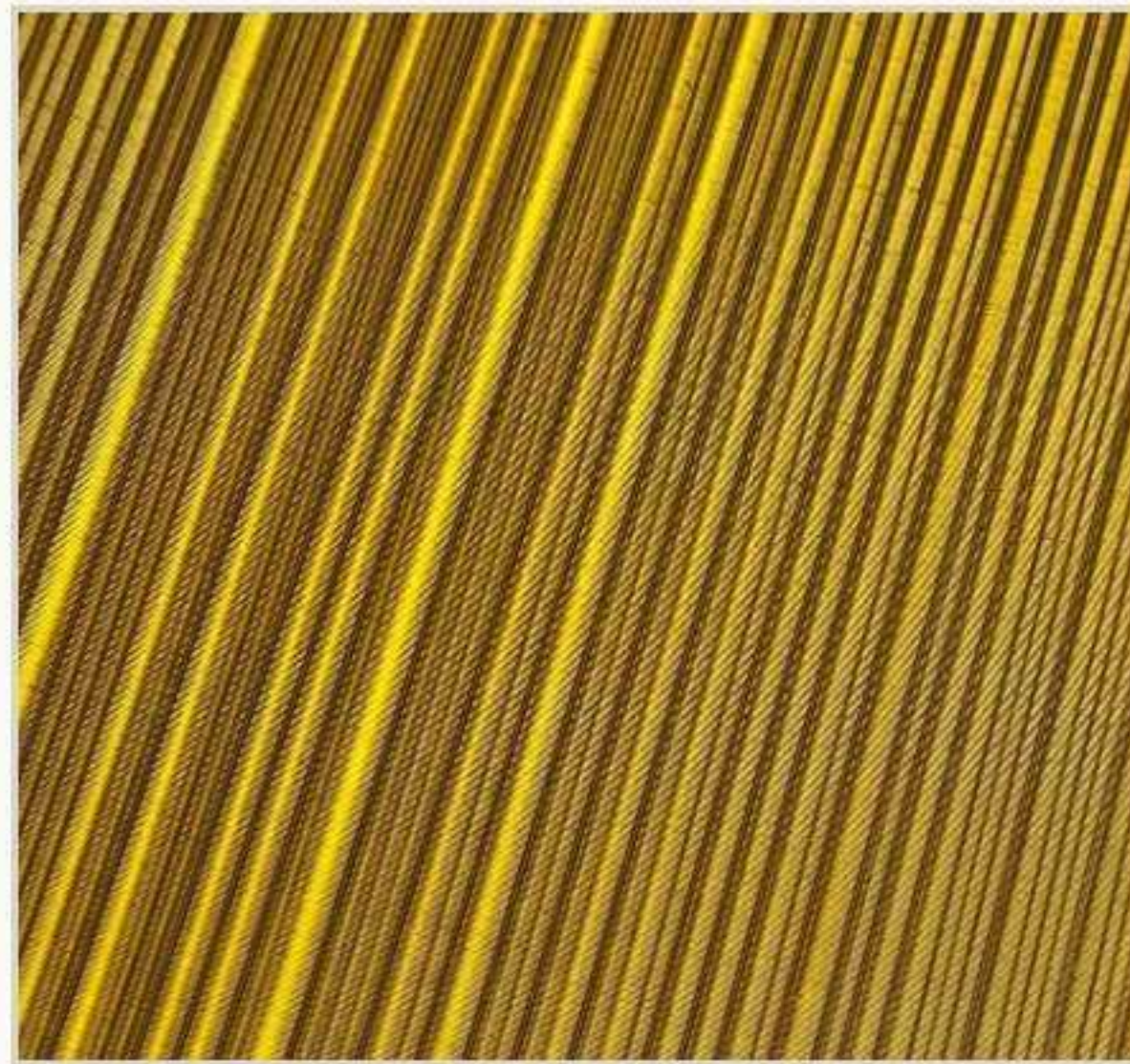
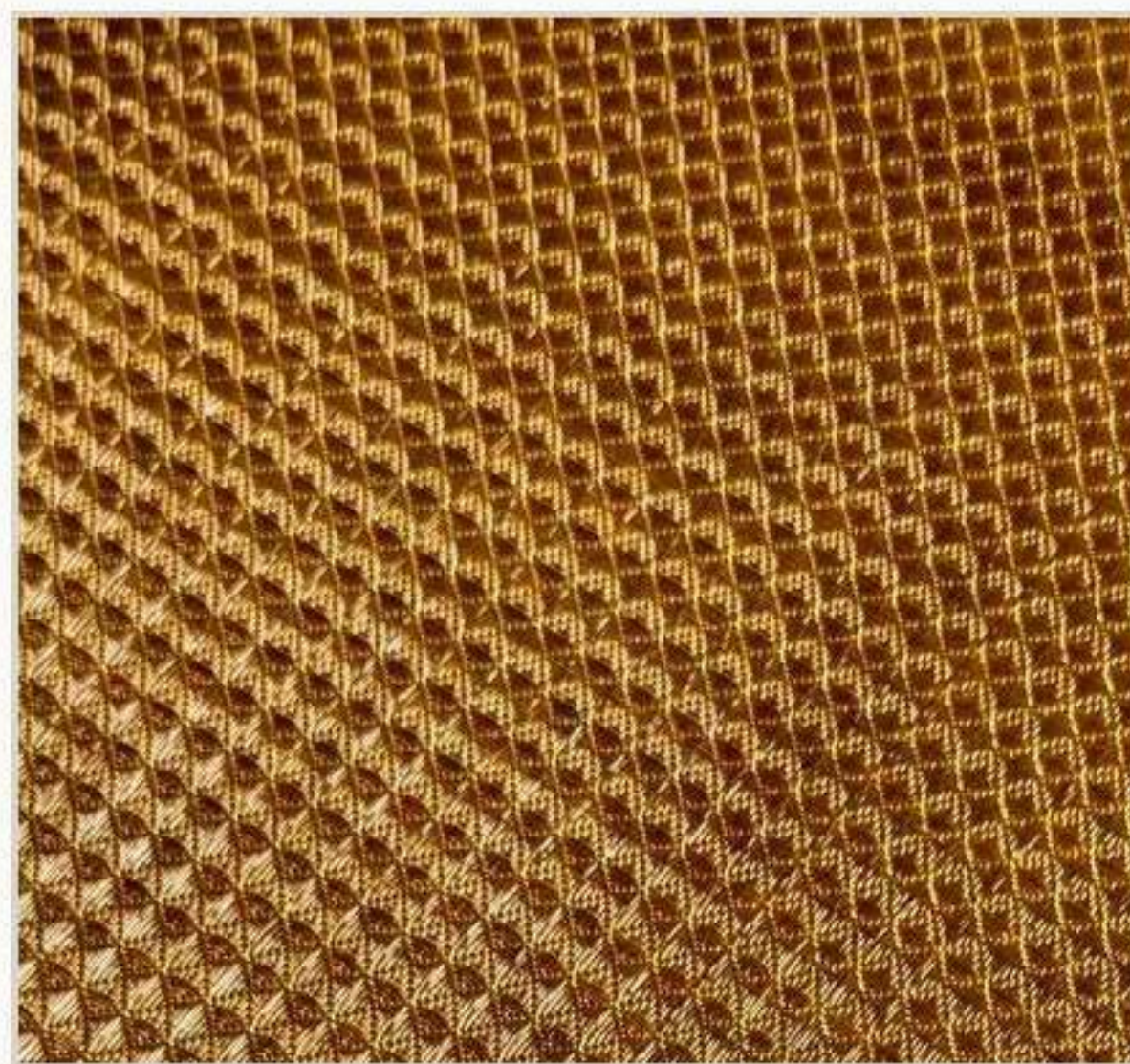
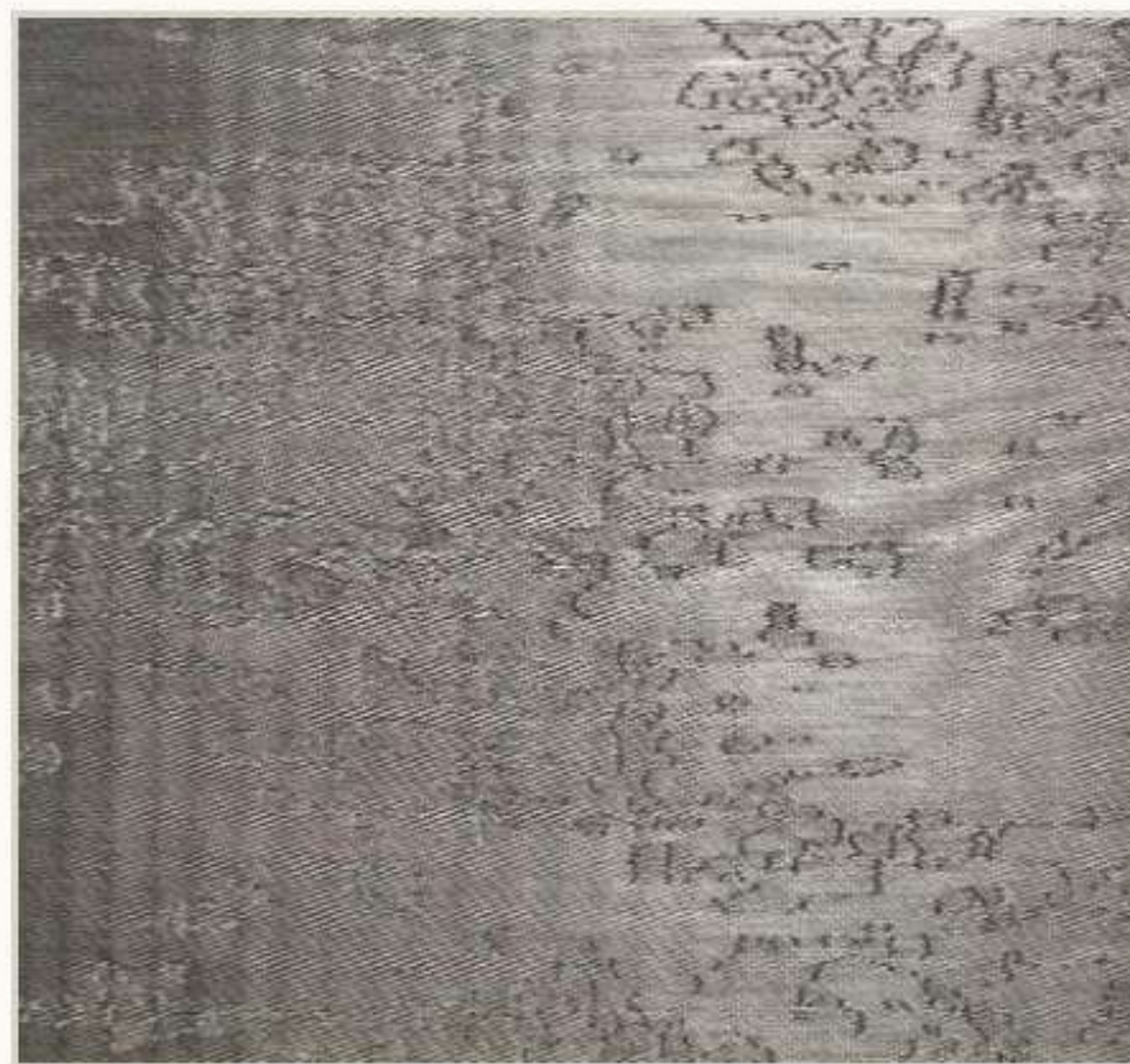
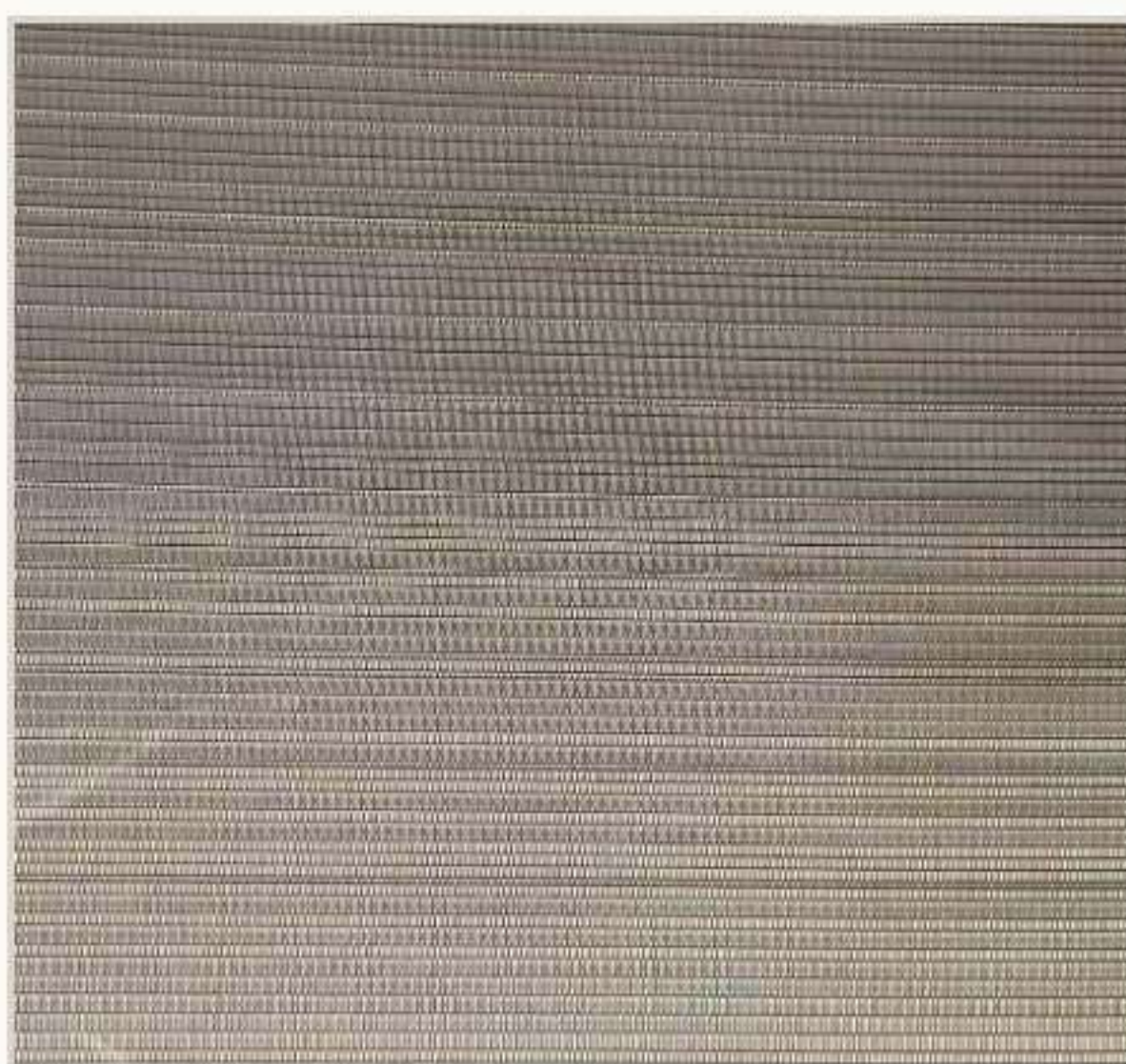
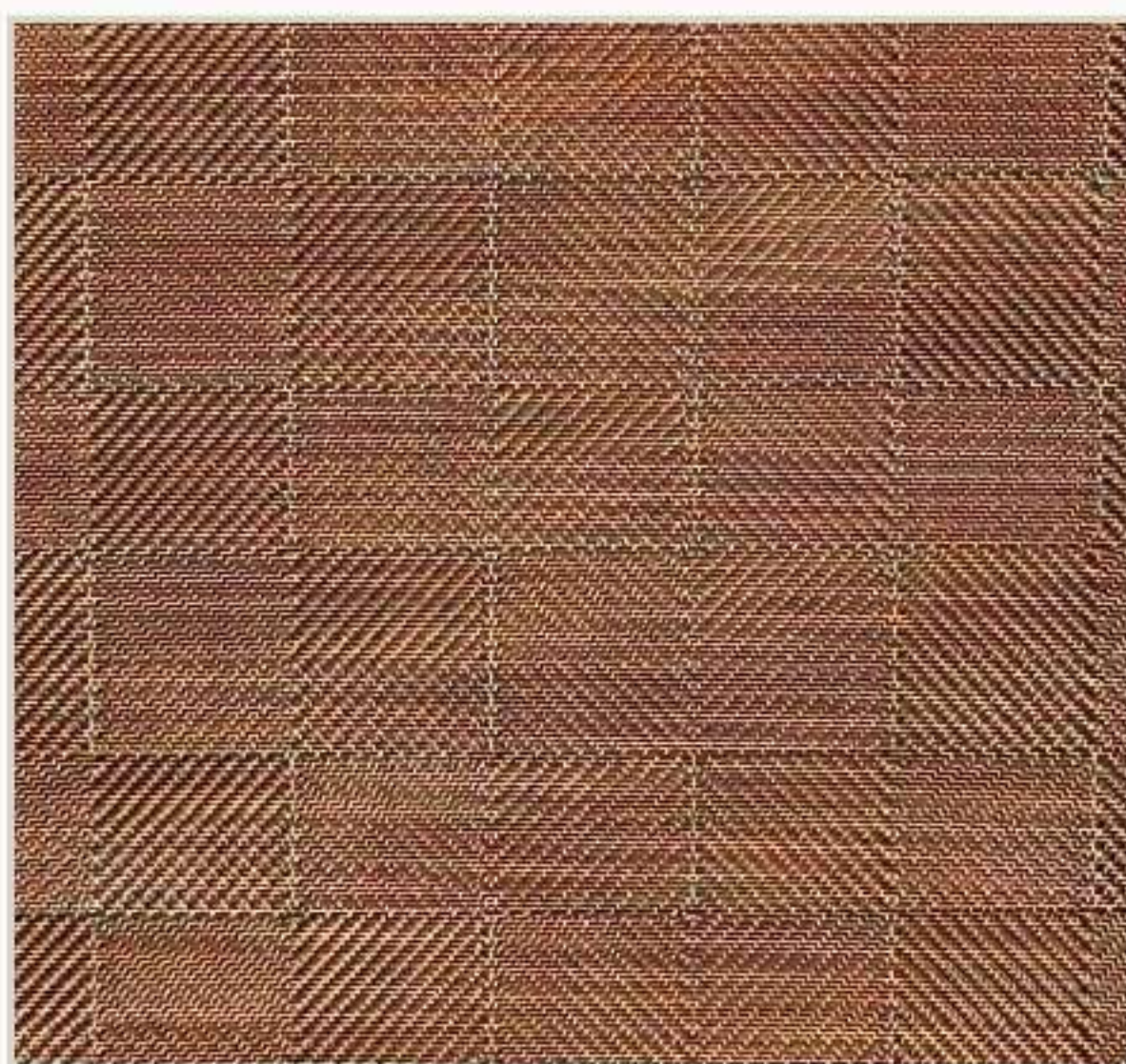
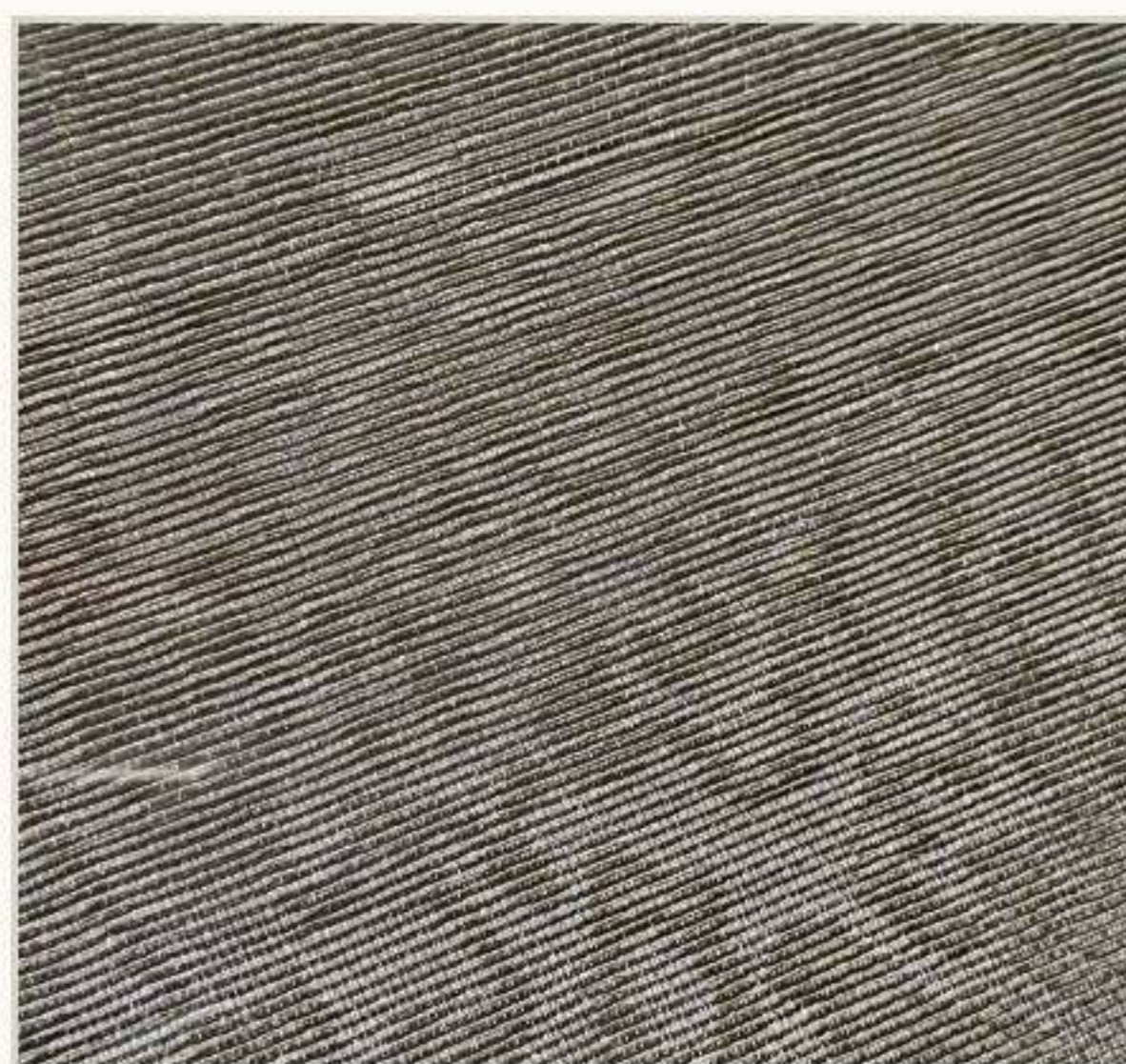
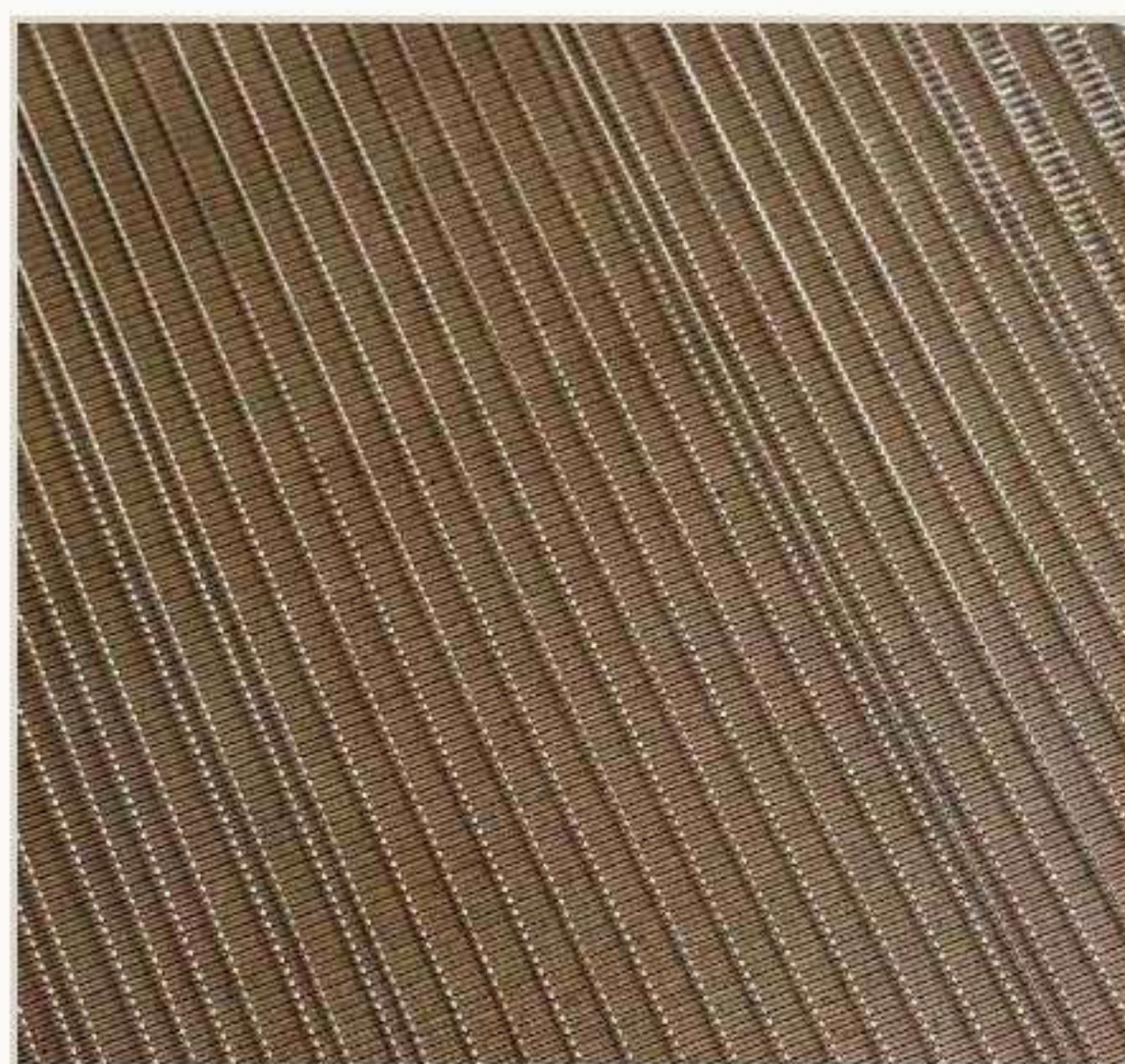




# Glass pattern options for quick comparison.

Compare density, transparency, tone and edge direction when the laminated glass mesh is first being shortlisted.

These first models help define the visual language for partitions, balustrades, doors and decorative glass panels.

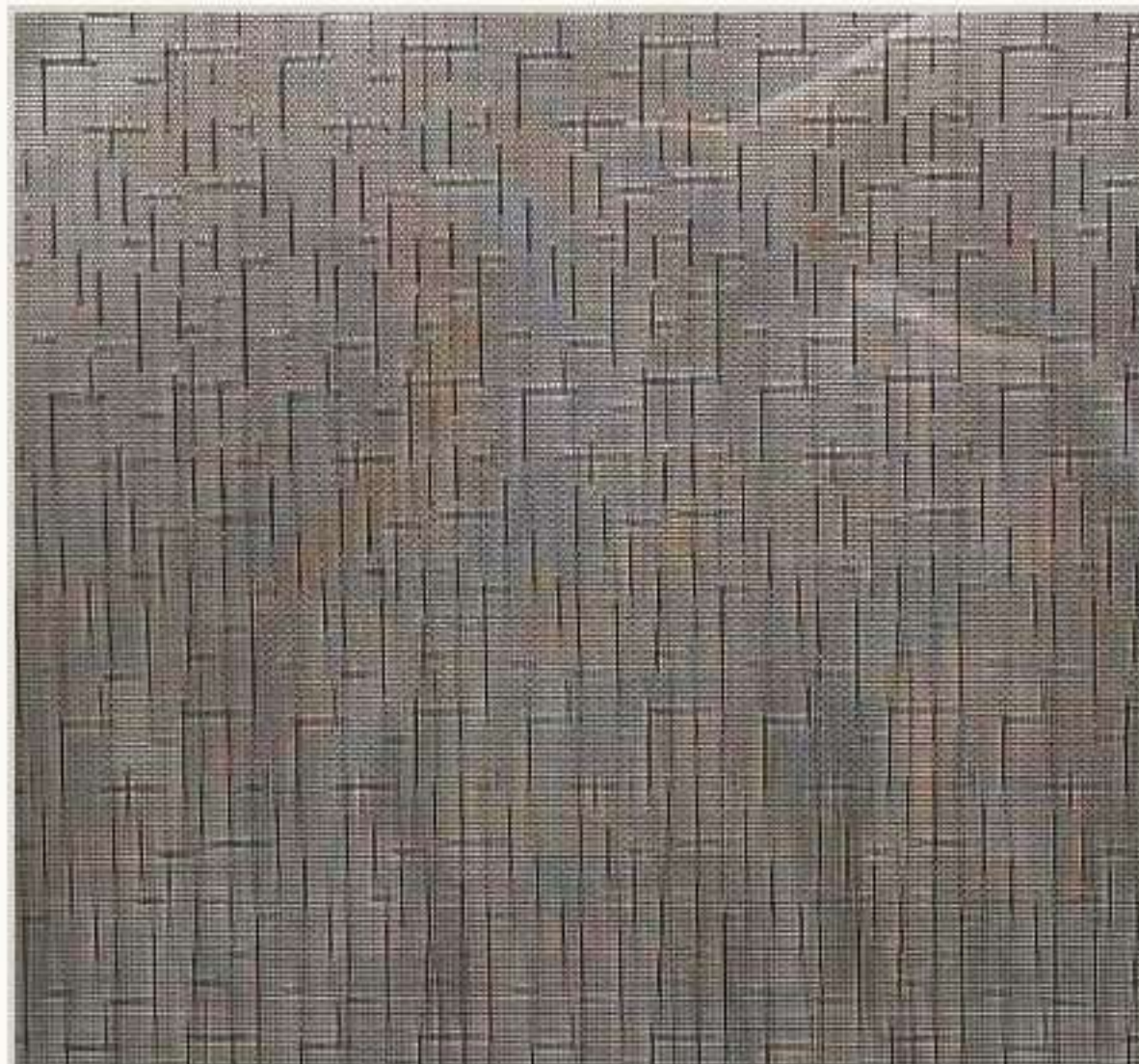
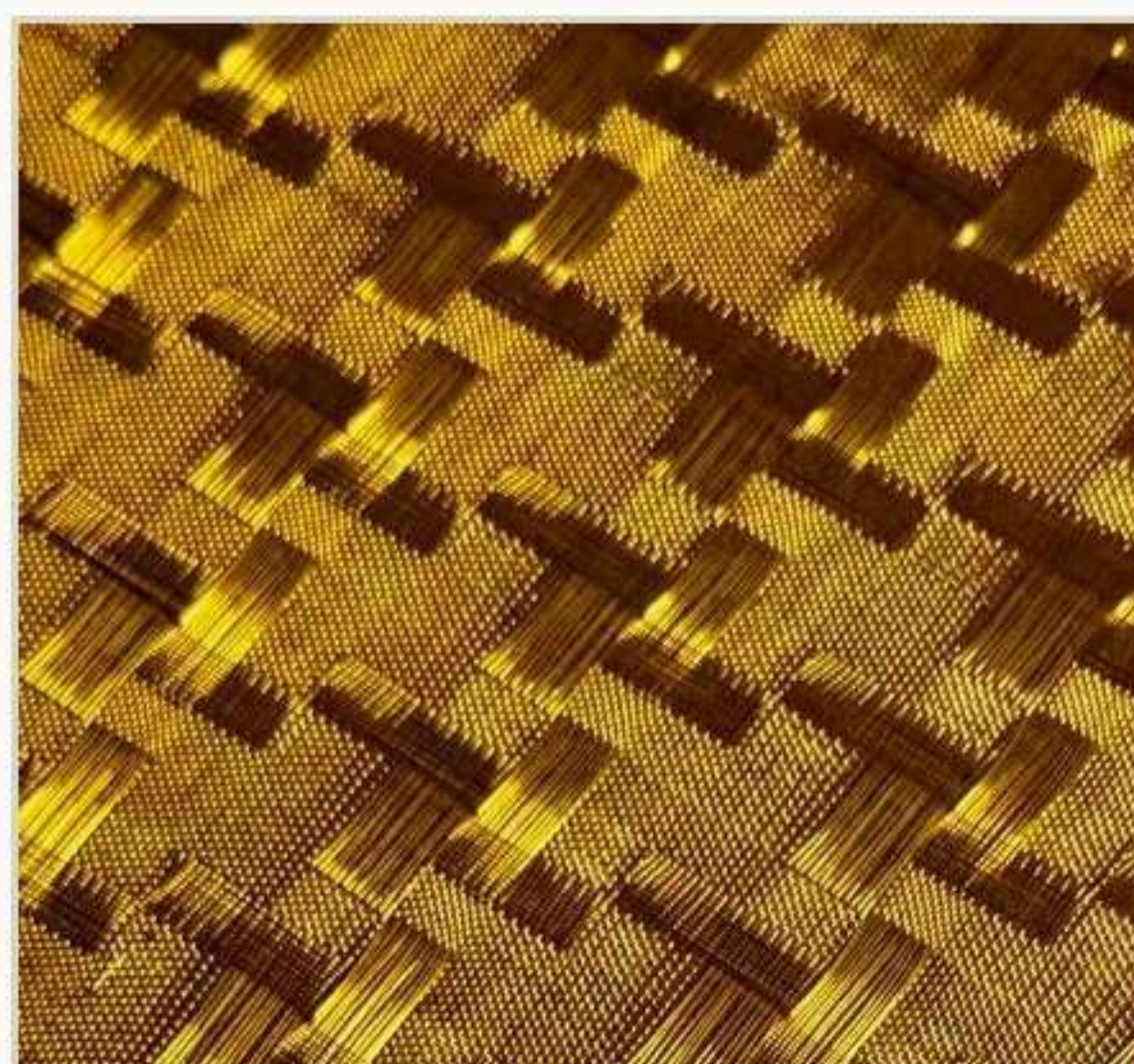
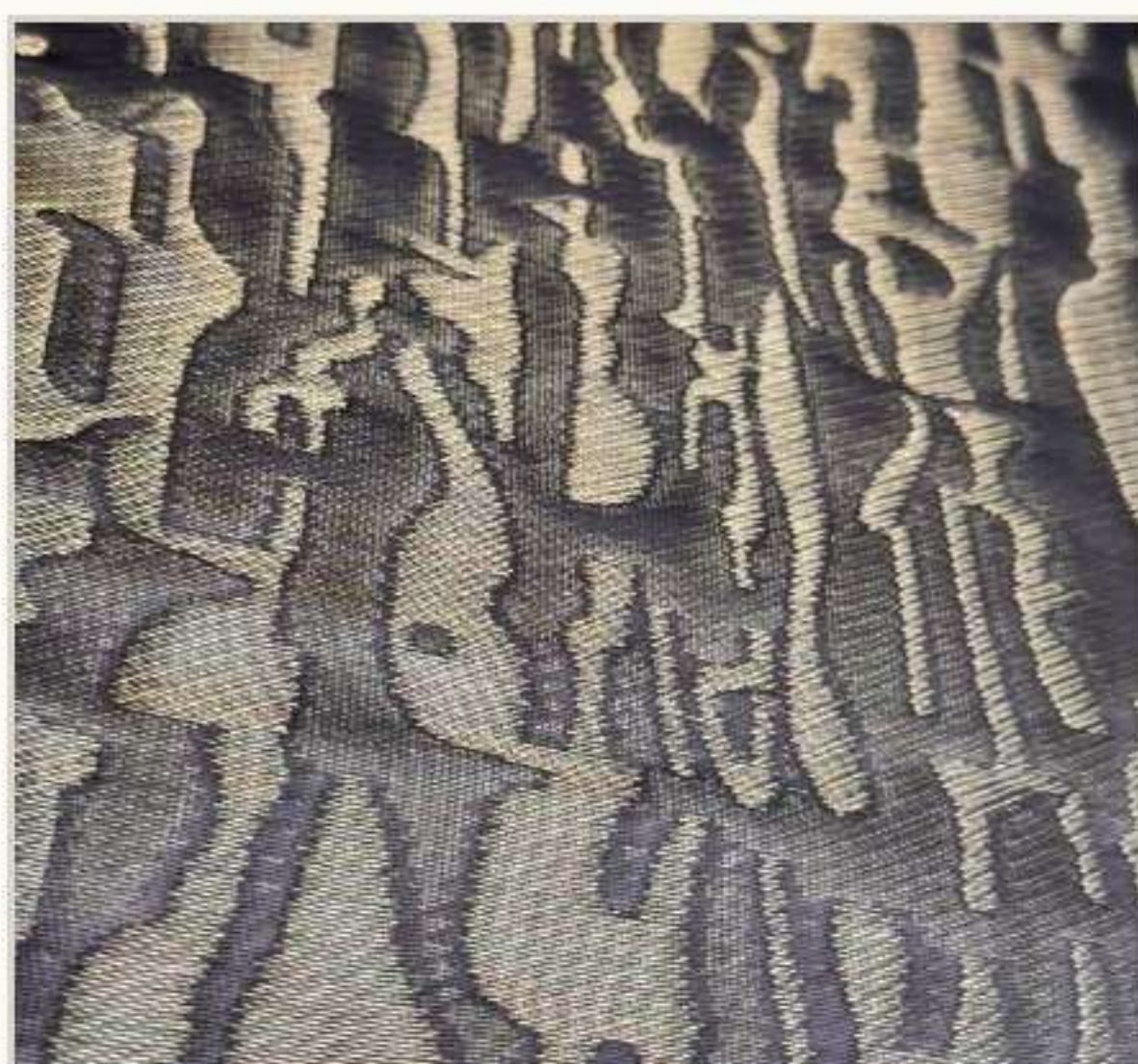
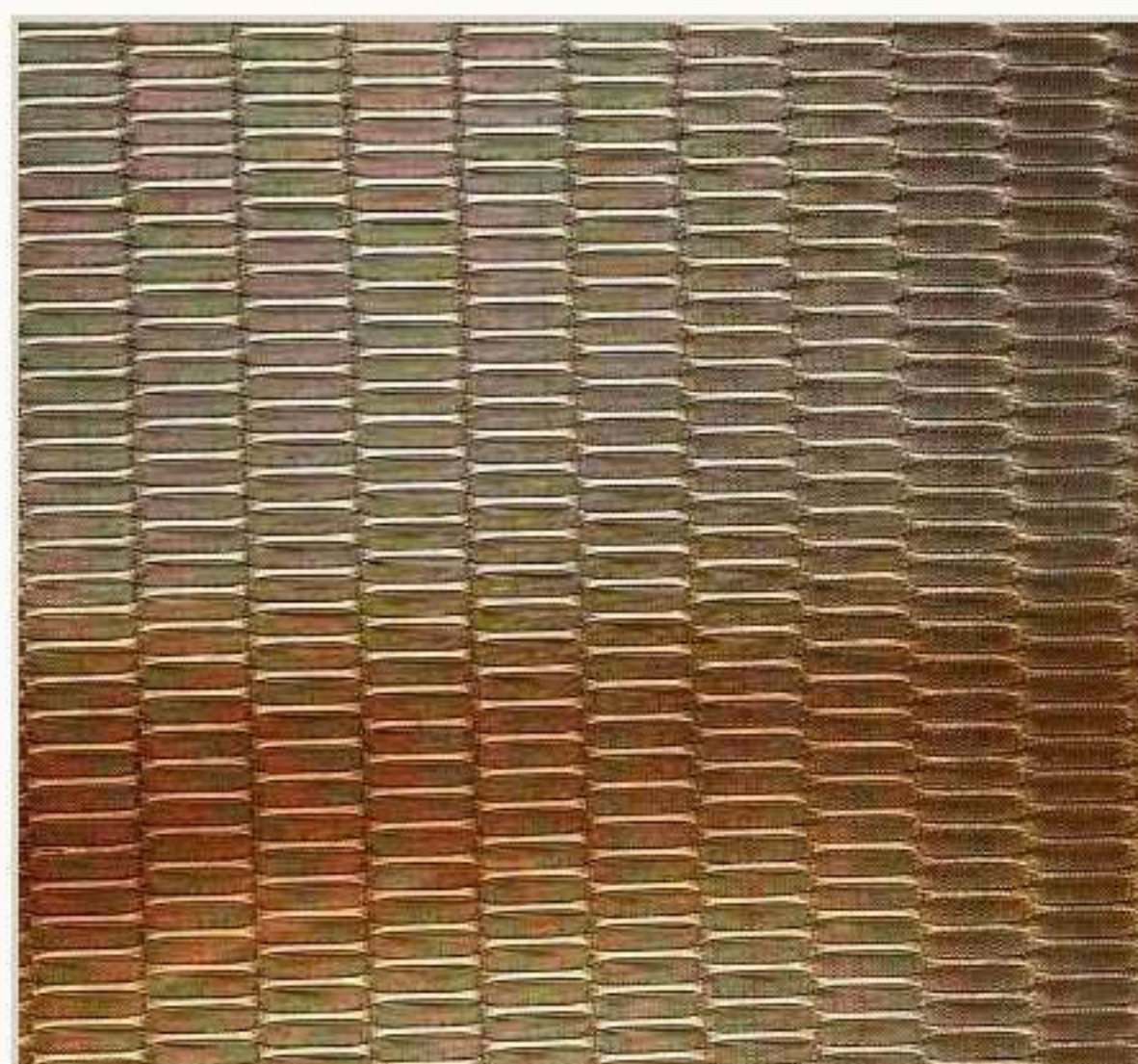
|                                                                                                                             |                                                                                                                              |                                                                                                                               |                                                                                                                               |                                                                                                                               |                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
|  <p><b>SG-LG-001</b> Stainless steel</p> |  <p><b>SG-LG-002</b> Stainless steel</p>  |  <p><b>SG-LG-003</b> Copper</p>            |  <p><b>SG-LG-004</b> Stainless steel</p>   |  <p><b>SG-LG-005</b> Copper</p>            |  <p><b>SG-LG-006</b> Copper</p>   |
|  <p><b>SG-LG-007</b> Copper</p>          |  <p><b>SG-LG-008</b> Copper</p>           |  <p><b>SG-LG-009</b> Stainless steel</p>   |  <p><b>SG-LG-010</b> Copper</p>            |  <p><b>SG-LG-011</b> Stainless steel</p>   |  <p><b>SG-LG-012</b> Copper</p>   |
|  <p><b>SG-LG-013</b> Copper</p>         |  <p><b>SG-LG-014</b> Stainless steel</p> |  <p><b>SG-LG-015</b> Copper</p>           |  <p><b>SG-LG-016</b> Stainless steel</p>  |  <p><b>SG-LG-017</b> Copper</p>           |  <p><b>SG-LG-018</b> Copper</p>  |
|  <p><b>SG-LG-019</b> Copper</p>        |  <p><b>SG-LG-020</b> Copper</p>         |  <p><b>SG-LG-021</b> Stainless steel</p> |  <p><b>SG-LG-022</b> Stainless steel</p> |  <p><b>SG-LG-023</b> Stainless steel</p> |  <p><b>SG-LG-024</b> Copper</p> |



# SG-LG options with stronger project adaptability.

Use this group when one project needs several matching glass textures or a controlled shift in visual weight.

Model families can be tuned by pattern scale, glass build-up, colour, privacy level and the surrounding light condition.

|                                                                                                                                  |                                                                                                                                  |                                                                                                                                |                                                                                                                                |                                                                                                                                |                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SG-LG-025</b>Stainless steel</div>   |  <div><b>SG-LG-026</b>Stainless steel</div>   |  <div><b>SG-LG-027</b>Stainless steel</div> |  <div><b>SG-LG-028</b>Copper</div>          |  <div><b>SG-LG-029</b>Copper</div>          |  <div><b>SG-LG-030</b>Stainless steel</div>  |
|  <div><b>SG-LG-031</b>Stainless steel</div>   |  <div><b>SG-LG-032</b>Stainless steel</div>   |  <div><b>SG-LG-033</b>Copper</div>          |  <div><b>SG-LG-034</b>Stainless steel</div> |  <div><b>SG-LG-035</b>Stainless steel</div> |  <div><b>SG-LG-036</b>Copper</div>           |
|  <div><b>SG-LG-037</b>Copper</div>           |  <div><b>SG-LG-038</b>Copper</div>           |  <div><b>SG-LG-039</b>Copper</div>         |  <div><b>SG-LG-040</b>Copper</div>         |  <div><b>SG-LG-041</b>Copper</div>         |  <div><b>SG-LG-042</b>Stainless steel</div> |
|  <div><b>SG-LG-043</b>Stainless steel</div> |  <div><b>SG-LG-044</b>Stainless steel</div> |  <div><b>SG-LG-045</b>Copper</div>        |  <div><b>SG-LG-046</b>Copper</div>        |  <div><b>SG-LG-047</b>Copper</div>        |  <div><b>SG-LG-048</b>Copper</div>         |



# Porous metal surface with sculptural depth.

SG-AF provides a lightweight porous aluminum surface for walls, ceilings, feature panels and acoustic design concepts.

Panel thickness, pore character, size, backing, finish and installation details can be customized for the design intent.



|              |                                                           |
|--------------|-----------------------------------------------------------|
| POROSITY     | 60-90%                                                    |
| APPLICATIONS | Feature wall, ceiling, display, acoustic surface          |
| COLOR        | Natural aluminum or RAL color coating                     |
| CUSTOM       | Thickness, pore character, backing, finish and panel size |



## SMALL PORE

PORE SIZE: 1-3MM

Fine texture for refined interior and close-view surfaces



## MEDIUM PORE

PORE SIZE: 3-6MM

Balanced depth, lightness and visual texture



## LARGE PORE

PORE SIZE: 6-12MM

Expressive open structure for feature walls and ceilings



# From facade skin to interior detail.

APPLICATION SOLUTIONS

SGORIA metal mesh systems help shape facade identity, control light and airflow, create interior layers and support custom architectural surfaces for different project scenarios.

01 Facade / Envelope  
SG-WM / SG-CR / SG-EX / SG-PH



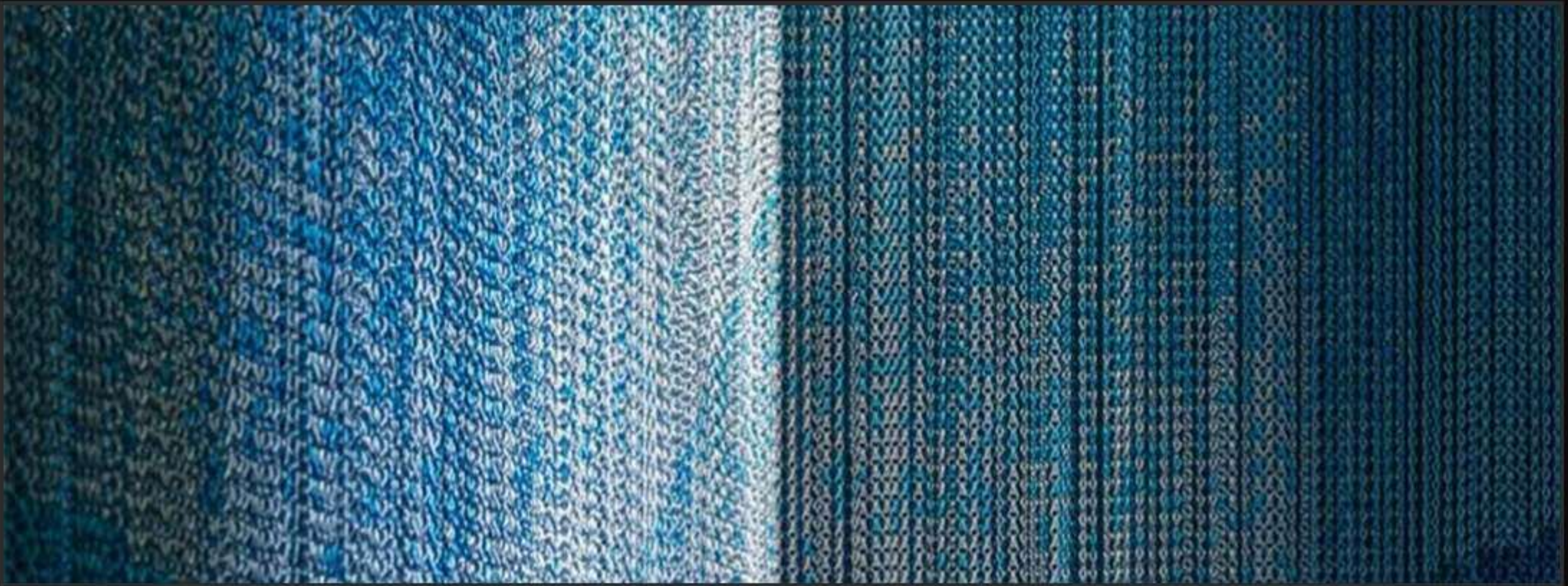
02 Sunshading  
SG-CR / SG-PH / SG-EX



03 Parking Garage Screen  
SG-CR / SG-EX / SG-PH



04 Interior Partition  
SG-CC / SG-FC / SG-RM / SG-WM



05 Ceiling / Overhead  
SG-WM / SG-SP / SG-FC / SG-AF



06 Wall Cladding  
SG-WM / SG-PH / SG-AF



07 Metal Curtain  
SG-CC / SG-SP / SG-FC / SG-RM



08 Elevator Cab  
SG-WM / SG-PH / SG-LG





# Confirm the right data before sample and quotation.

Use this page as a project checklist. It helps connect design intent, product selection and technical confirmation before detailed sheets are prepared.



01 / PRODUCT

**Product type and model**

Product code, pattern direction, opening, open area and visual density should be confirmed together.



02 / MATERIAL

**Material and finish**

Confirm stainless steel, aluminum, copper or brass, then select natural, powder coated, plated or anodized finish.



03 / PANEL

**Size and weight**

Panel size, weight, maximum width and edge detail affect manufacturing, transport and installation method.



04 / APPLICATION

**Use and performance**

Facade, ceiling, partition, parking and interior applications require different transparency, airflow and safety logic.



05 / FIXING

**System direction**

Fixing approach is indicated at selection stage. Final details should follow project drawings and fixing system guide.



06 / DOCUMENTS

**Sample and data**

Samples, drawings, technical sheets and certificates can be prepared after model, material and project scope are clear.

SGORIA PRODUCT SPECIALISTS PROVIDE

SELECTION

Product and application advice

SAMPLES

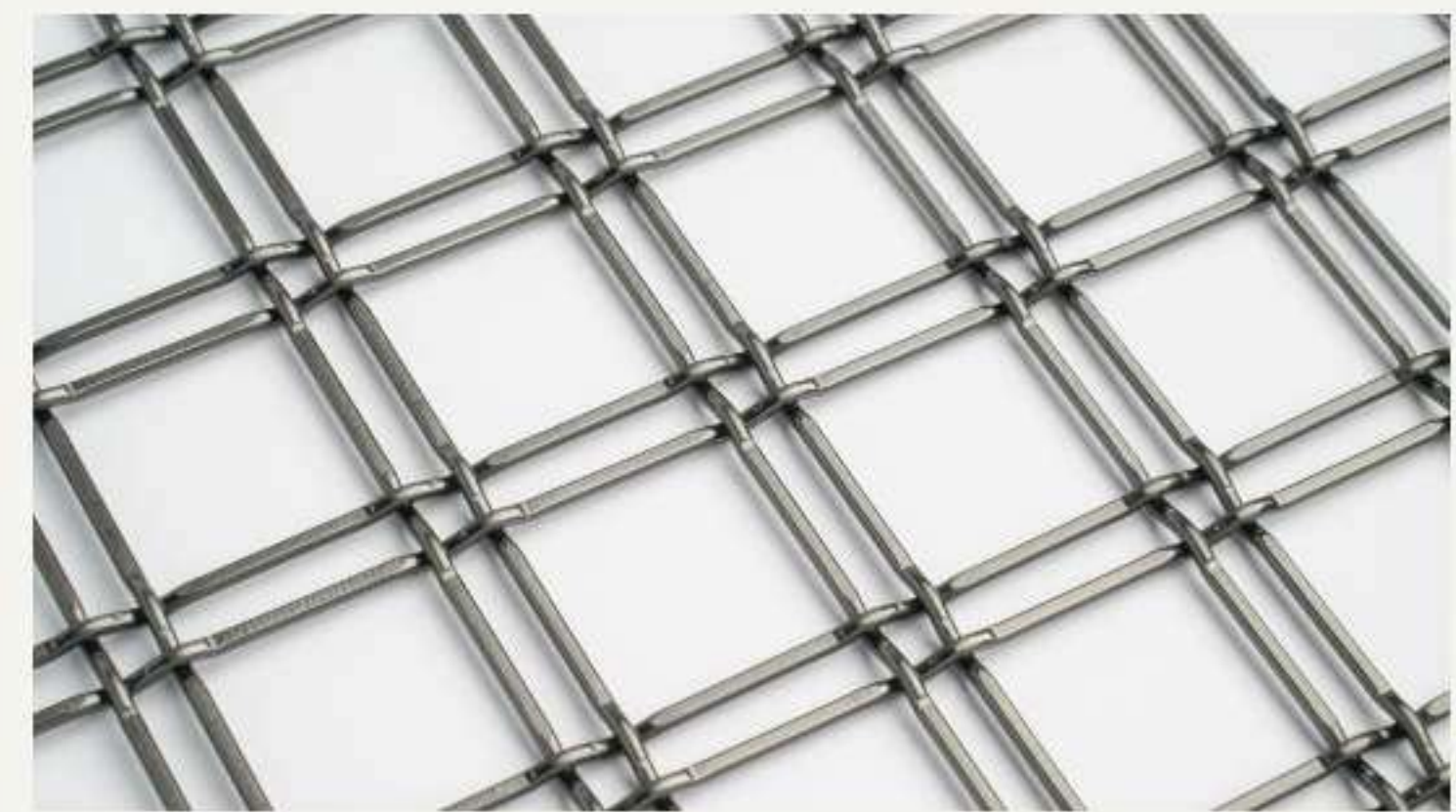
Material and finish confirmation

DOCUMENTS

Drawings and technical sheets

QUOTATION

Project-based pricing support



**FREE SAMPLE SUPPORT**

Standard material and finish samples can be provided for qualified project inquiries. Custom samples, special finishes and express freight can be confirmed according to project scope, quantity and destination.



# Send the project information. We help narrow the selection.

Share drawings, sizes, reference images or design intent. SGORIA will suggest suitable mesh families, finishes and sample directions for your project.



Visit [sgoria.com](https://sgoria.com) to download catalogues, technical guides and project resources.

|          |                                                            |
|----------|------------------------------------------------------------|
| EMAIL    | <a href="mailto:project@sgoria.com">project@sgoria.com</a> |
| WHATSAPP | +86 190 3318 8808                                          |
| WEB      | <a href="https://www.sgoria.com">www.sgoria.com</a>        |
| SERVICE  | Samples / drawings / project quotation                     |

## QUOTE CHECKLIST

- 01Application and project location
- 02Preferred product family or effect
- 03Panel size, quantity and drawings
- 04Material and finish requirements
- 05Photos, sketches or reference images

## TECHNICAL GUIDES

- 01Material Selection Guide
- 02Surface Finish Guide
- 03Fixing System Guide
- 04Project Reference Guide
- 05Quality & Certification Guide
- 06Sustainability & Performance Guide