



Automobile Industry

- Knitted Wire Mesh
- Crimped Wire Mesh
- Expanded Metal
- Perforated Metal





Knitted Wire Mesh

Knitting wire produces a mesh of interlocking loops that can move relative to each other in the same plane without distorting the mesh, giving knitted mesh a two-way stretch characteristic. As the knitted wire mesh has the characteristics of flexibility, compressibility, strength and durability, it is widely used in automotive parts



Size & Configurations

- Wire diameter typically range from 0.10mm to 0.30mm
- Roll width from 10mm to 1600mm
- Roll length from 10m to 100m

Material

- Stainless steel
- Copper

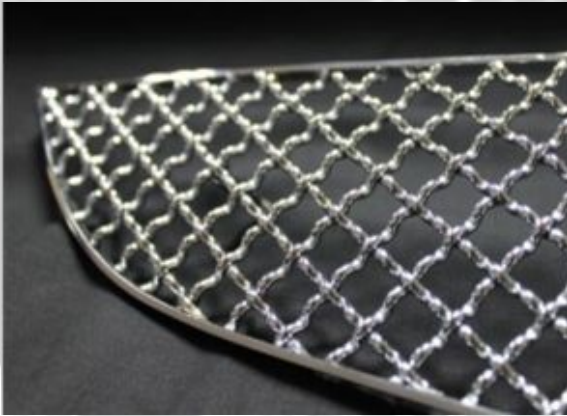
Feature

- High temperature static and dynamic seals and gaskets
- Quiet, leak-free exhaust system joints
- Greater protection and shielding
- Reduced noise and vibration
- Enhanced filter efficiency

Applications

- Airbag Filters
- Catalytic Converter
- Exhaust system
- Silencer and muffler packing
- Spacer rings and air gap seals

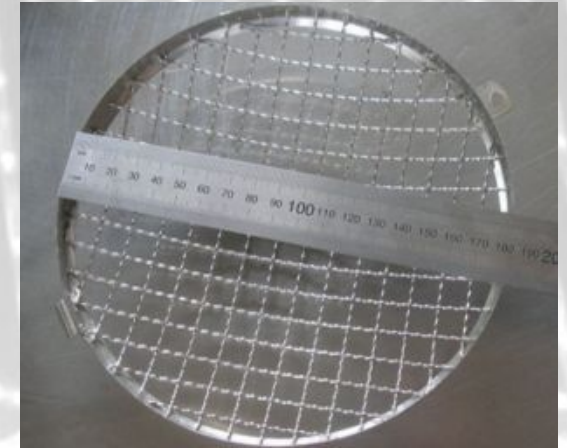




Crimped Wire Mesh

Car grille mesh is manufactured from crimped mesh. Originally manufactured to be stronger than plain woven wire by means of crimping the wire in place. It is a strong attractive designer pattern that suits modified vehicle grilles.

The crimped mesh can be used for producing automobile headlight stone guards, designed for VW Early Beetle & Split screen buses up to 1967, Porsche 356.



Size & Configurations

- Wire diameter typically range from 0.55mm to 5.0mm
- Hole size up to 100mm
- Weave type include plain crimped, single & double intermediate, lock crimped, flat top and slot hole crimped

Material

- Stainless steel
- Carbon steel



Feature

- Good material, smooth surface and fine workmanship
- Various types, light weight and easy to cut
- Easy to install and without opening holes
- Beautiful appearance, corrosion resistance and long service life

Applications

- Car grilles
- Headlight stone guard





Expanded Metal Mesh

Expanded metal is a metal sheet with openings in the area. They are formed by cuts in the transverse direction and at the same time stretching in length without loss of material.

In automotive engineering, a grille, covering an opening in a vehicle, allows air to enter into your car. Most vehicles have a grille at the front of the vehicle. The grille not only protects the radiator and engine, but also highlights the beautiful.

As automotive grilles, expanded metal play a major role in intake and ventilation for water tank, engine and air-condition, to prevent the damage to the interior parts from foreign objects, while car is traveling.



Size & Configurations

- Plate thickness from 0.5mm to 3.0mm
- Shape is diamond hole

Material

- Stainless steel
- Carbon steel

Feature

- Good material, smooth surface and fine workmanship
- Various types, light weight and easy to cut
- Easy to install and without opening
- Beautiful appearance, affordable, corrosion resistance and long service life

Applications

- Car grills





Perforated Metal Mesh

Perforated metal is strong, lightweight, and appealing. It widely used in the automotive industry. Perforated metal components have to be tough to keep air, rocks and debris out of the engine, radiator, and exhaust systems.

Size & Configurations

- Plate thickness from 0.5 to 3.0mm
- Shape include round hole, square hole, slot hole, triangle hole and hexagonal hole

Material

- Stainless steel
- Carbon steel

Feature

- Strong corrosion resistance, easy to clean
- Wear resistance, anti-oxidation
- High tensile strength and tolerance capacity.
- Holes and rows are evenly placed in accurate position

Applications

- Car Grills
- Air-bag cylinders
- Exhaust systems
- Silencer tubes
- Muffler noise control components



Expanded, Perforated & Wire Products for Automobile Industry



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