

B R O C H U R E



Mufflers and Silencers



Anping Web Wire Mesh Co.,Ltd.

Knitted Wire Mesh For Mufflers and Silencers



Introduction

As we know that the noise is unpleasant, it reduces productivity and may even promote hearing loss. It is proved that knitted wire mesh mufflers and silencers offer enough surfaces that effectively trapping sound inside of the element, ideal for automotive, marine, recreation vehicles and small gasoline engine-powered equipment, pneumatic tool etc.

Knitted wire mesh has the ability to absorb sound. When the sound hits the mesh element, the sound energy is absorbed into the wire structure making the wire vibrate and thus absorbing harmful sound energy. In fact, the open space in a mesh part can be controlled within a range of 30% to 97%. These two features are extremely important in noise reduction, since the extent of surface area and air flow resistance are both critical factors.



Idea for	Screen Size	Features & Benefits
<ul style="list-style-type: none">• Cars• Trucks• Motors	<ul style="list-style-type: none">• 15mm width• 18mm width• 20mm width• 25mm width• 30mm width	<ul style="list-style-type: none">• Lightweight, easy to install• Resistant to high temperatures, cryogenics and corrosion• Wide range of material selections• Low pressure-drop to noise-reduction ratio• Adaptable to a wide range of design configurations

Technical Parameters

When ordering, please specify:

1. Weave Type

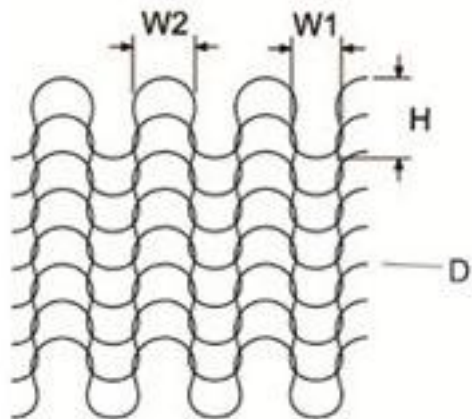
Standard knitted weave type

2. Wire Diameter (D)

3. Hole Size (W1 x W2)

4. Roll Width (RW)

5. Roll Length (RL)



Standard Weave

Knitted Wire Screen

Wire		Opening mm	Width mm	Length m	Number of Wire Nos.
mm	inch				
0.15	0.0059	1 - 3	9 - 120	10 - 100	1 - 3
0.17	0.0067	1 - 3	9 - 120	10 - 50	1 - 2
0.19	0.0075	1 - 3	15 - 120	10 - 50	1 - 2
0.21	0.0083	3 - 7	15 - 120	10 - 50	1 - 2
0.23	0.0091	3 - 7	40 - 1000	10 - 50	1 - 2
0.25	0.0098	3 - 7	40 - 1000	10 - 50	1 - 2
0.27	0.0106	3 - 7	60 - 1000	10 - 50	1

Headquarters

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