

B R O C H U R E



Airbags



Anping Web Wire Mesh Co.,Ltd.

Knitted Wire Mesh For Airbags



Introduction

Airbags are a central element in all modern passenger restraint systems in motor vehicles. The airbags module contains an inflator, an igniter, and the folded air bags. Knitted wire mesh is a filter part of inflator, it is specially design for trapping particles from entering or damaging an airbag and to cool the expanding gas following actuation.

How pyrotechnic airbag inflators works?

Pyrotechnic airbag inflators contain a core of solid gas generant. During a crash, the generant is ignited and produces a harmless nitrogen-based gas in the combustion process. This gas is then forced through the filters in the inflator then cool the gas and remove particulates. As the gas exits the inflator and enters the airbag pads, timely deployment of it to provide life saving protection for drivers and passengers.



Idea for	Screen Size	Features & Benefits
<ul style="list-style-type: none">• Driver's airbag• Passenger airbag• Side airbag• Head airbag• Knee airbag• Seat cushion airbag• Rear airbag• Motorbike airbag	<ul style="list-style-type: none">• 15mm width• 18mm width• 20mm width• 25mm width• 30mm width	<ul style="list-style-type: none">• High temperature static and dynamic seals and gaskets• Quiet, leak-free exhaust system joints• Greater protection and shielding for components from heat loss

Technical Parameters

When ordering, please specify:

1. Weave Type

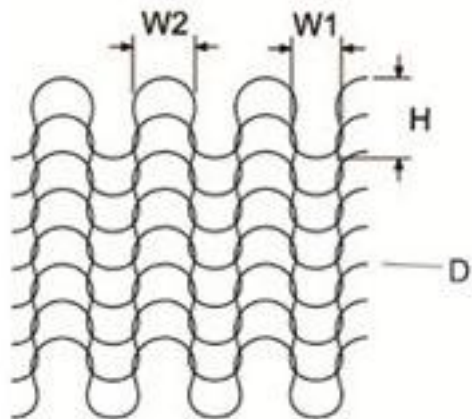
Standard knitted weave type

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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