

Airbag Filters

Excellent filtration and heat absorption characteristics



Our knitted mesh Airbag Filters are designed to control and cool the flow of the expanding gas following actuation whilst simultaneously preventing incandescent propellant particles from damaging the fabric of the airbag.

KnitMesh supplies Airbag Filters in a wide variety of shapes, sizes and materials rendering them suitable for the majority of airbag inflator designs and applications.



Principles of Operation

The filters are normally manufactured from large diameter stainless or carbon steel wire and are suitable for use in most frontal, side, curtain, knee and other inflator & initiator designs.

KnitMesh Technologies airbag filters can be supplied in highly compressed form and the density can be varied according to the precise degree of porosity or filtration efficiency required.

Airbag filters from KnitMesh Technologies are designed, developed, manufactured and tested in the UK to exacting international automotive industry standards.

With over 60 years' experience in the automotive sector, we have a proven track record of working closely with our global customers to whom we respond rapidly and cost effectively in order to meet their demanding requirements from prototype tooling, through sampling and PPAP, to the full production stage.

Features & Benefits

- Exceptional filtration characteristics
- Enhanced Heat Energy absorption capacity
- Available in a variety of profiles and materials
- Low cost tooling and rapid prototyping
- Can be combined with perforated plate
- Tested to exacting industry standards
- State-of-the-art manufacturing equipment

Quality Assurance

KnitMesh Technologies® is accredited to:
ISO 9001:2015, ISO 14001:2015, ISO 45001:2018,
PAS 99:2012 and IATF 16949:2016



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