

59 SERIES

Mastic Filter Housing

The Amazon **59 Series** single stack, high pressure cartridge filter assembly is ideal for use with liquid PVC, sealants and waxes that are used in the Automotive and other industries. These high viscosity fluids (c.1,000 – 100,000 cps) are used to seal joints on car bodies against the ingress of water.

Due to the physical characteristics of these high viscosity liquids, conventional filtration would not be suitable because of the high operating pressures required to apply these products.

Manufactured in Carbon Steel, the unit is capable of operation of up to 400 bar at 120°C with a flow capacity of up to 20 lt/min.

It is equipped with a 10" long Stainless Steel high strength filter element which has been proven to be the best way to prevent any nozzle blocking before extrusion. Its well proven design, with the high strength cylindrical support core with mesh screen makes this an easy to maintain product.

It is available in a range of filter ratings from 200 to 1200µm - thus providing optimum flexibility for filtering a variety of high viscosity products. The filter elements can be easily cleaned ready for re-use, either by jet washing or solvent cleaning.



Features and Benefits

- Carbon steel cast head and bowl
- Simple two piece construction for easy maintenance
- Small product hold-up volume
- Available with a wide range of pore sizes from 200 to 1200µm
- Ideal for fluid viscosities up to 100,000 cps
- Every housing has a nameplate with a serial number for full traceability
- CE marked

Product Range

Amazon Filters design and manufacture an extensive range of liquid filtration systems, providing one of the widest selections of filtration vessels, depth filters and pleated cartridges available today, ensuring excellent process and filter compatibility. As one of Europe's leading manufacturers of filtration systems, Amazon Filters is able to offer a solution to meet all filtration requirements. Amazon's filters are manufactured in clean room conditions and all products come with detailed Product Validation Guides and Technical Support documentation.



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59 Series Technical Data

Maximum Operating Conditions

Pressure Range: Liquid: FV / 400 bar g
 Temperature Range: -10°C / 120°C

Materials of Construction

Head and bowl: Carbon Steel
 Seal: EPDM with PTFE backing ring

Finish

Vessel: Externally painted black

Connections

Inlet/Outlet: 3/4" BSPF
 Drain: 1/4" BSPF with Plug

Model	Dimensions					Volume (Litres)	Dry Weight (kg)
	A	B	C	D	E		
59011MXN07B3SE	293	-	-	92	250	0.61	5.5

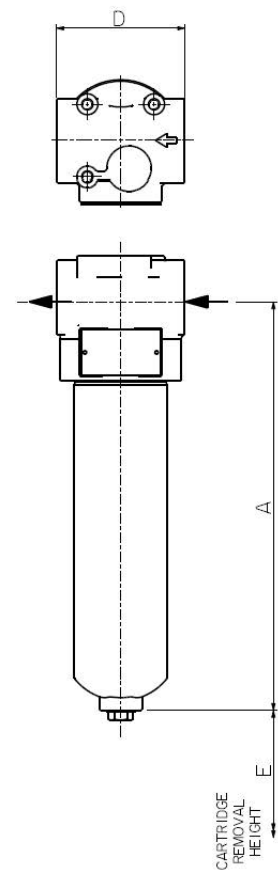
PED*/PESR Status:** Compliant with PED 2014/68/EU and PESR 2016 No. 1105

* Pressure Equipment Directive

** Pressure Equipment (Safety) Regulations No. 1105

Fluid Groups: Liquid Group 2

Technical drawings for individual housings showing dimensions, volume, weights, maximum temperatures and design pressures are available on request.



Ordering Guide

5901	1	M	X	N	07	B	3	S	E
No of Stacks	Cartridge Length	Cartridge End Cap Style	Closure Style	Mounting	Connection	Connection Type	Materials	Finish	Seal
5901 - 1	1 - Single 10"	M - Mastic	X - Screwed closure	N - None	07 - 3/4"	B - BSPF	3 - Carbon Steel	S - External paint	E - EPDM V - Viton

Example: 59011MXN07B3SE = 59 Series, 1 x 10" Mastic cartridge, screwed closure, 3/4" BSPF connections, carbon steel construction with EPDM gaskets, external paint.

AMAZON FILTERS LTD.

Albany Park Estate, Camberley, Surrey, GU16 7PG, ENGLAND

Tel: +44 (0) 1276 670 600 Email: sales@amazonfilters.co.uk Web: www.amazonfilters.com