

Dimensions and technical characteristics of filter strainers type S

Type	Nominal volume [cm ³]	Filtering Surface [cm ²]	Useful Passage Surface [%]	Mesh Opening [mm]	SAE flare	Solder connections				Dimensions [mm]		TS [°C]	PS [bar]	Cat. 97/23/CE PED
						ODS		ODM		ØD1	L			
						[in.]	[mm]	[in.]	[mm]					
S052MM	80	41	45,8	0,188	1/4"	-	-	-	-	57,5	116	-40 + 80 °C	45	Art. 3.3
S052S					-	1/4"	-	3/8"	-		107			
S053MM					3/8"	-	-	-	-		124			
S053S					-	3/8"	-	1/2"	-		109			
S053M10S					-	-	10	-	12		132			
S054MM					1/2"	-	-	-	-		116			
S054M12S					-	-	12	-	14		124			
S055S					-	5/8"	16	3/4"	-		162			
S163MM	250	88			3/8"	-	-	-	-	77,5	147			
S163S					-	3/8"	-	1/2"	-		170			
S163M10S					-	-	10	-	12		154			
S164MM					1/2"	-	-	-	-		179			
S164M12S					-	-	12	-	14		167			
S165MM					5/8"	-	-	-	-					
S166M18S					-	-	18	-	22					

APPLICATIONS: Filter strainers are suitable for use with fluids proper to the Group II, as defined in Article 9, Section 2.2 of Directive 97/23/EC, therefore not toxic, not inflammable and not explosive fluids; to this macro Group II belong also the refrigerant fluids listed and classified L1 in Annex E of standard EN 378-1:2003.

CONSTRUCTION: The filters are completely made of steel, UNI EN 10130 – FeP04. Body and head are TIG welding for having a unique structure. Essentially conceived for retains dirt particles larger than 180 µm eventually present in system; inside the filters there is a screen basket, with wide filtering surface, made of austenitic stainless steel AISI 304. This design ensure that the fluid encounters a minimum strength. The production range includes types with nickel-plated Flare threaded connections and copper plated solder connections.

