



TECHNICAL INFORMATION

Specifically designed XS filter range

The XS range of filter sheets has been developed for use in the filtration of distilled spirits.

The filtration of distilled spirits is vital to ensure life, stability and good clarity. To this end the removal of hazes and the precursors to haze formation is particularly important. There are two types of haze and precipitation problems associated with distilled spirits which can be broadly classified as chemical such as trace metal contamination and physical such as ethereal oils. Detailed information on hazes in spirits can be found in CarlSpirit brochure

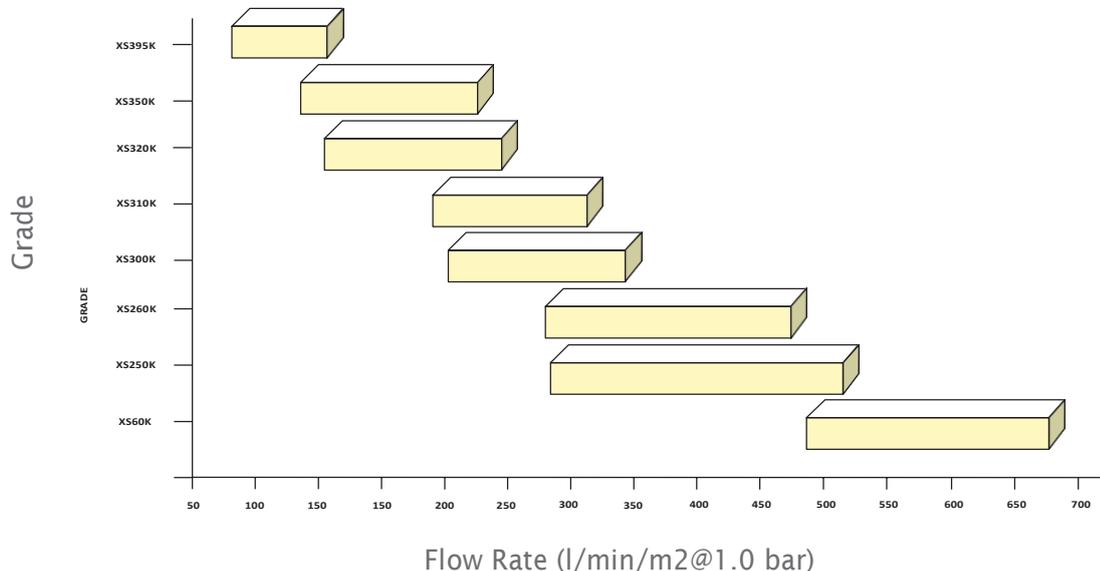
Standard filter sheets contain small quantities of trace metal extracts such as Calcium, Magnesium and Iron. The XS range is manufactured in a way that results in extremely low levels of these ions being present, making them an ideal choice for spirits filtration.

For more information on this range of products please contact your Carlson representative

XS Physical Properties

Test Properties Units	Basic Weight g/m ²	Thickness mm	Ash content % weight (g)	Flow rate L/min/m ² @1.0 bar	Particle Retention µm
XS5	790	3.6	1	2280 @ 0.3 bar	10 - 25
XS60K	1150	4.0	38	885	6 - 15
XS250K	1200	4	48	391	3 - 6
XS260K	1250	4.0	58	360	2.5 - 4.0
XS300K	1250	3.8	54	260	1 - 2.5
XS310K	1580	4.2	46	260	1 - 2
XS320K	1580	4.2	45	185	0.8 - 1.5
XS350K	1580	4.2	46	162	0.5 - 1.0
XS395K	1580	4.2	51	105	0.4 - 0.8

XS Range



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