



Carlson Filtration Distributors' Sales Bulletin

Carlson Spirits Filtration

Spirits filtration for the dark and white spirits industry

The widespread use of filtration products in the distilled spirits industry presents a major sales opportunity for all our distributors. We have invested heavily in the development of an excellent product range for this application, and are widely regarded as a leader in the field.

From chill haze removal in dark spirits to the use of activated carbon for colour removal in white spirits, we strive constantly to develop our knowledge, expertise and product range to optimise the filtration solutions on offer.



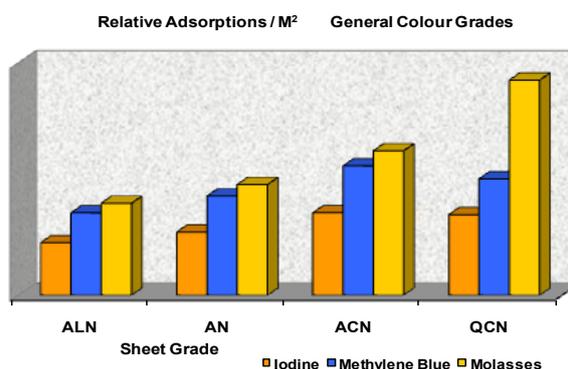
Dark Spirits Filtration

The filtration of whisky, either single malt or blended types 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. This can be achieved by using single or double stage filtration. Double stage filtration is now more common. The first stage uses a roughing sheet to remove larger particulate matter. The second stage uses a sheet from Carlson's low calcium XS depth filter sheet range which has been developed specifically for this application. There are a number of XS grades available varying in "openness" and potential maximum flow rate. Filtration of rum and other dark distilled spirits follows very similar practices.

White Spirits Filtration

Activated carbon plays a critical role in making colour, odour or taste corrections in white spirits such as vodka and gin after distillation, dilution or blending. To meet this requirement, Carlson has developed a comprehensive range of activated carbon filtration media within the Carcarb "A" range in 3 forms to match specific requirements (ALN, AN and ACN). These "A" grades offer a good broad adsorption range, from micro to macro pore sizes. Carcarb QCN is a higher adsorption, higher

performance grade. With high carbon content, low ion content and higher adsorption capacity, QCN is a premium performance version of the Carcarb ACN grade.



The whole Carcarb range is available in flat sheet or lenticular module format. The benefits to your customer of this impregnated media format are:

- Elimination of the need for loose activated carbon or granules
- Elimination of the need for use of filters and/or filter aids to facilitate the removal of activated carbon powder from the spirit
- No messy filter cake handling or disposal
- Less time consuming
- Easier and cheaper disposal of spent filter materials
- Totally enclosed system
- More effective carbon use as the liquid is "forced" into effective contact with the media



Further information about all the products mentioned and their application are available from Carlson's Spirits Filtration brochure, various fact sheets at www.carlson.co.uk and from your usual Carlson contact.

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