



ENARTIS FILTRA AV

ENARTIS Filtra AV is a new range of innovative filter sheets, rising from ENARTIS's desire to provide efficient and high quality products on the market.

The **ENARTIS Filtra AV** range can be used to filter wines, musts, juices, beers, spirits and other beverages. It is ideal to obtain a physico-chemical and microbiologically stable filtrate while respecting the organoleptic characteristics of the original product, including colour and organoleptic properties.

TECHNICAL FEATURES

The raw materials of the **ENARTIS Filtra AV** range sheets are carefully selected and tested; even the final product is meticulously tested to guarantee the user the best performance.

The cellulose fibers of different lengths and refining combine with the other inert filtration materials into a homogenous matrix that is compact and stable under the varying physical conditions during filtration and maintain the sheet integrity and noticeably reduce dripping.

The electrostatic charge "Zeta potential" calibrated on the various filtration sheet components gives it a high adsorption capacity for instable fractions of the liquid to be filtered.

The cellulose undergoes an inertion treatment in order to make it minimally reactive with the phenolic and aromatic substances present in wine and beer.

The particular production process gives the **ENARTIS Filtra AV** range conical structured channels across which the liquid to be filtered flows. This allows for the collection of impurities in a progressive manner using the whole sheet depth, while avoiding premature clogging and unexpected pressure changes.

ENARTIS Filtra AV does not contain fibers of mineral origin, does not confer any odours or tastes to the filtrate, only yields very low quantities of common ions such as Ca, Na, Fe and does not yield heavy metals.

FILTRATION

The **ENARTIS Filtra AV** range ensures the best clarity results thanks to the high adsorbent capacity and the electrostatic charge of its components; the "equivalent porosity" of the **ENARTIS Filtra AV** sterilizing sheets reaches submicronic dimensions hence guaranteeing yeast and bacteria retention. A distinguishing characteristic is that the liquid to be filtered is not depleted nor stressed.

Filtration using fine or sterilizing sheets of the **ENARTIS Filtra AV** range is an ideal way to prepare the liquid for following passage through membrane cartridges.

The original filter production process allows for an optimization of the consequent filtration yields with consistent quality, thus improving the economical aspect for the wine production chain.

The **ENARTIS Filtra AV** range is ample enough to satisfy every need, with clarifying levels which extend from coarse to sterile.

Sheet	Filtration	Porosity (micron)
AV 0	Coarse Filtration - Very large	3,00-5,00
AV 3	Coarse Filtration - Large	2,00- 3,00
AV 5	Coarse Filtration - Tight	1,50-2,00
AV 7	Fine Filtration - Large	1,25-1,50
AV 10	Fine Filtration - Tight	0,60-0,80
AV St	Sterile	0,25-0,45
AV St Extra	Super sterile	0,15-0,20

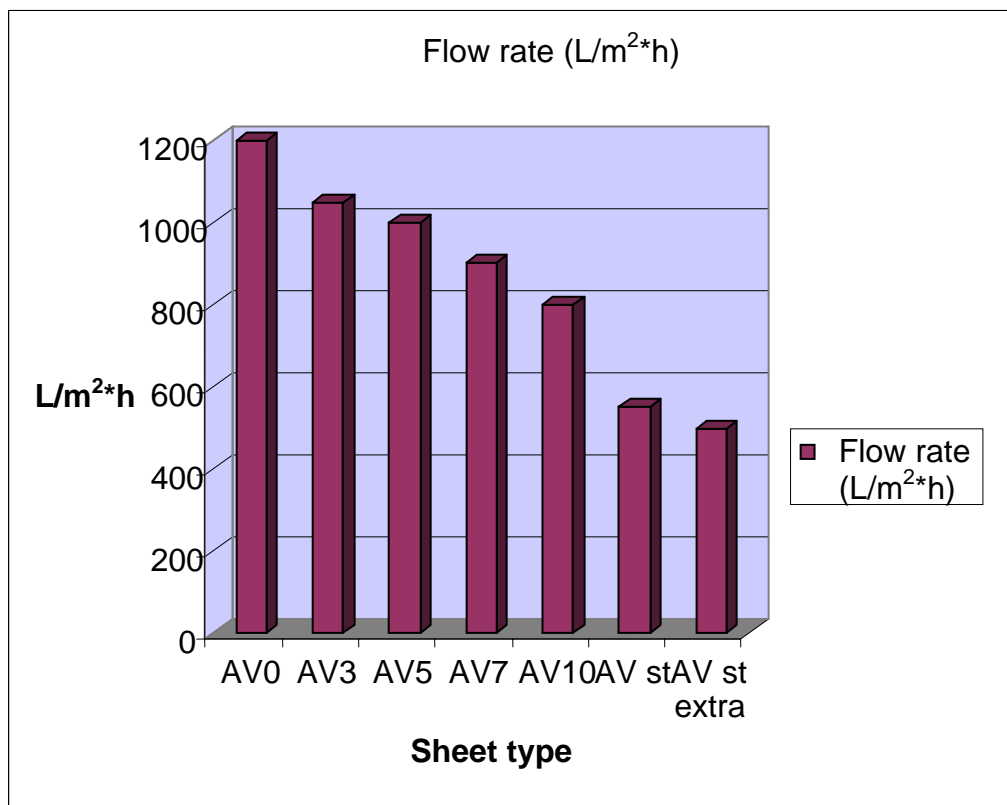
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INSTRUCTIONS FOR USE

The filtration sheets must be placed in the filter in a way that the rough surface corresponds to the entry side of the wine to be filtered hence the smooth surface corresponds to the filtered wine exit.

Completing an initial wash with drinking water allows for a better sheet swelling and therefore a better hermetic sealing. At the end of the wash strongly tighten the filtration stack to avoid any possible dripping and to have an optimal assembly.

The optimal flow rates are shown in the graph



For an optimal filtration process it is recommendable to always filter with consistent flow rates, thus increasing in a progressive manner the pressure exerted: the **ENARTIS Filtra AV** range in fact has a very high mechanical resistance, capable of absorbing greater pressure differences than other common filtration sheets.

PACKAGING AND STORAGE

40x40 sheets in boxes of 100 sheets, in packs of 25.

Sealed package: keep the product in a dry and well ventilated area.

Opened package: carefully reseal the package, keep it as above indicated and use within a short period of time.