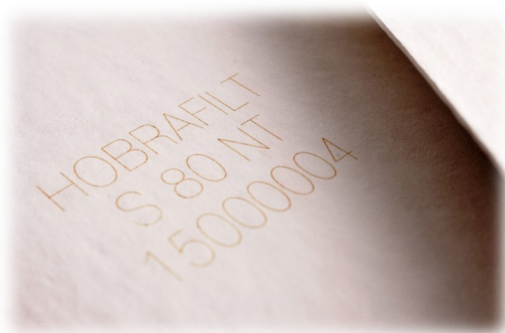


## HOBRAFILT® - “NT” series depth filter sheets

### Characteristic

Hobrafilt® depth filter sheets are made of carefully selected and inspected materials, namely from various types of cellulose, high quality kieselguhr, perlites and specially treated resins. Filter sheet is in principle a three-dimensional depth filter that is characterized by the presence of adsorbents, compounds with a large internal surface.



### Application

Hobrafilt® filter sheets of the “NT” series were especially developed for economic use during filtration in the beverage, chemical and pharmaceutical industries. The sheet thickness and composition were designed to remove impurities during filtration from a typical production batch so that the sheets have the filtration capacity required for the given filtration. This practically eliminates the unused capacity of sheets and increases efficiency. At high concentration of impurities, it is possible to use more specific types of filter sheets “NT” series such as S 540 NT and others. However, we recommend that the use of Hobrafilt® filter sheets of the “NT” series always be consulted with our sales specialists.

### HOBRAFILT® - “NT” series depth filter sheets - overview:

Type of sheet	Nominal retention (µm)	Flow rate (l/m <sup>2</sup> /min@100kPa)	Thickness (mm)	Ash content (%)
ST 3 NT	0.2	40	3.0	50
ST 5 NT	0.3	70	3.0	49
ST 7 NT	0.4	120	3.0	49
S 10 NT	0.8	190	3.0	42
S 15 NT	2	250	3.0	38
S 20 NT	3	300	3.0	37
S 30 NT	4	350	3.0	37
S 40 NT	5	600	3.0	37
S 60 NT	6	950	3.0	22
S 80 NT	8	1650	3.0	22
S 100 NT	11	1100*	3.0	<1
S 500 NT	20	1300*	4.1	<1
S 540 NT	25	1600*	3.6	30

\* at 30 kPa

