

Cellulose/Viscose (Wet Laid – Acrylic Binder)



PRODUCT FEATURES

Viscose media is widely used on flat bed gravity feed filter systems for the filtration of machine tool coolants, cutting and lubricating fluids in machining and metalworking processes.

This non-toxic media, although generally weak in construction, is ideally suited to gravity feed filter systems for efficiently filtering out the build-up of contaminants formed from different kinds of processing. As the fluid passes through the paper media, a filter cake gradually forms forcing the coolant to rise and activate an automatic float switch. This indexes the filter paper along the honeycomb flat bed allowing the coolant to filter through the clean media. This process is repeated, ensuring clean coolant is delivered to the tank beneath the filter bed where it is finally delivered to the machine tool point of use.

Filtration ranges nominally from 10 - 55 micron dependent on the weight of the paper media.

DATA

Weight	20	25	35	50	65	90
Thickness mm	0.16	0.17	0.22	0.32	0.32	0.44
Wet tensile strength MD N/5cm	22	32	40	57.2	70	100.2
Wet tensile strength TD N/5cm	6	8	10	19	25	33.8
Extension Dry (%) MD	6	7	8	8	7	8
Extension Dry (%) TD	13	13	13	13	13	10

KEY FEATURES

- ✓ High solids removal
- ✓ Good filter cake release
- ✓ Readily available
- ✓ Wide efficiency range
- ✓ FDA Approved
- ✓ Competitively priced

Please note the values indicated are typical and subject to variation.

TYPICAL APPLICATIONS

Turning · Drilling & Milling (20-35gm) · Grinding · Honing · Lapping (35-100gm)