

I.W. Tremont

Technical and Specialty Papers

ISO 9001:2015 Registered

High Quality Extracts Begin with High Quality Filter Media



- Highest reliability and consistent quality – we are an analytical filter products manufacturer.
- High recovery rates, delivering the highest yields in the lowest number of filter passes.
- Fastest flow rates possible at stated retentions.
- Innovations that improve the botanical extraction process.
- Serving OEM's and Distributors. Private label branding with no minimums on standard sizes.
- Diameters up to 57cm (22.4 in). Custom configurations, rapid prototyping and low minimums.

Here are just a few examples of our recommended material grades for vacuum extractions:

	Coarse, level 1				Medium, level 2		Fine, level 3		Polishing
	Fastest Flow Rate				Medium Flow Rate		Slow Flow Rate		
	Cellulose Filter						Glass Microfiber		
Micron Retention	60-40	40-30	30-20	20-15	11	8	2	0.7	0.4
Grade Name	CFP1751	CFP1384	CFP1312	CFP202	CFP1	CFP2	Grade D	Grade F	A83 NanoScale
Caliper (mm)	0.18	0.23	0.22	0.3	0.2	0.17	0.6	0.4	0.4
Basis Wt. (g/m ²)	53	70	85	90	86	101	120	80	82

- **Coarse, level 1** is designed to rapidly and efficiently capture the waxes and lipids as mobilized by the extraction solvent. This is the most challenging step as the filter must capture, without clogging during as great a volume as possible prior to filter change.
- **Medium, level 2** is designed to capture the smaller cellular matter which has been allowed to pass through the coarse level. This typically is challenging as the cellular matter has a high affinity for the fibrous structure of the filter which causes clogging.
- **Fine, level 3** is designed to be a clarification stage. Generally at this stage the wax, lipids and cellular matter have been stripped from the extract.
- **Polishing** is a final procedure to bring the extract to the highest level of clarity.