I.W. Tremont
Technical and Specialty Papers
ISO 9001:2008 Registered

18 Utter Avenue
Hawthorne, New Jersey 07506 USA
Tel: 973-427-3800
Fax: 973-427-3778
www.iwtremont.com

Chromatography Paper

Grade: WT-1500hpc

Material Attributes:	Bright white color cotton linter chromatography media. Diagnostics grade high purity cotton linter absorbent paper.
Material:	100 % cotton linter
Basis weight:	89 g/m^2
Thickness range:	0.19 mm
Ash Content:	<0.05 %
Migration:	Fast (128 mm / 30 minutes)

This unique media is thin, high purity and highly absorbent. The furnish composition is of high purity cotton linters with no resin or binder content. The even density and high grade formation yields a very consistent and reproducible migration in both MD and CD.

The proprietary production methods employed produce a media which demonstrates a highly durable surface texture without the high level of organic extractables common to traditional acid-hardening processes. The cotton linter furnish is single source.

Ideal as an absorbent pad in diagnostic devices, base material in membrane separations, channel wicks in lateral flow configurations and high resolution visual indicative and colorimetric tests such as chromatography.

- 100% cotton linter
- Low ash content of <0.05%.
- Untreated and non-acid washed.
- A surface texture designed to increase abrasion durability.
- High purity water used in papermaking process
- Smooth surface on both sides with little screen embossing visible
- Excellent “lay flat” characteristics eases handling and use
- Bright white color provides excellent resolution in lateral flow separations
- Low extractables

Known competitive equivalents: Whatman 1 CHR, Ahlstrom 601

This media demonstrates excellent lot-to-lot reproducibility. Material chemistries are verified against a standard using GC techniques prior to paper making process.