

# TECHNICAL DATA SHEET

According to Good Manufacturing Practice (CGMP) standards

REFERENCE: F1001  
 DESCRIPTION: QUALITATIVE ASHLESS FILTER PAPER. MEDIUM FILTRATION  
 DATE: MAY 2010

This document is to verify that the designated product has been manufactured in conformance with applicable Current Good Manufacturing Practice (cGMP) standards.

The quality control data given in this document represent the quality of the released lot. These values are the basis for the official release of this material. The Quality Department for quality control of filters has measured the values and assures that they are within the limits that are established in the current specification for this material. The values stated do not represent any internal or external specification for this particular material. This product has passed external-house tests and thus meets Chmlab Group stringent quality control standards. The following is checked on a regular basis:

## Filter Paper Characterization

PACKAGING: Boxes of 100 units  
 FORMAT: Circles (Ø mm): 21, 25, 37, 40.5, 42.5, 47, 50, 55, 70, 80, 90, 100, 110, 125, 150, 185, 200, 240, 270, 320, 500  
 Sheets (mm): 460x570, 580x580

### TECHNICAL SPECIFICATIONS:

Basis weight .....85 g/m<sup>2</sup>  
 Thickness.....180 µm  
 Filtration time for distilled water.....40 s  
 Air Flow rate .....11 s/100ml/in<sup>2</sup>  
 Wet bursting strength .....>30 kPa  
 Retention .....10-13 µm  
 Ash content .....<0.06%  
 Herzberg .....170 s/100ml

## Other Specifications

Features	Medium retention and flow rate. This rate covers a wide range of laboratory applications and it is frequently used for clarifying liquids.
Applications	This grade is used in qualitative analytical separations for routine laboratory works as well as fast filtration of fine precipitates such as lead sulphate, calcium oxalate (hot) and calcium carbonate. In agriculture it is used for soil analysis and seed testing procedures. In food industry it is used for numerous routine techniques to separate solid foodstuffs from associated liquid or extracting liquid. In air pollution monitoring atmospheric dust is collected from airflow and the stain-intensity is measured photometrically. For gas detection the paper is impregnated with a chromogenic reagent and colour formation quantified by optical reflectance.