

TECHNICAL DATA SHEET

According to Good Manufacturing Practice (CGMP) standards

GRADE: MNY045
 DESCRIPTION: NYLON MEMBRANE FILTERS
 DATE: MARCH 2016

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:

Membrane Filter Characterization

PACKAGING: Boxes of 25 units / 100 units
 FORMAT: Circles (Ø mm) 13, 25, 47, 50, 90, 142, 293

TECHNICAL SPECIFICATIONS:

MembraneNylon
 Pore size0.45 µm
 Wettability.....Hydrophilic
 Bubble point minimum value, wetted with water 2.2 bar
 Flow rate for water 28 ml/min [cm² at 1 bar (100 kPa) differential pressure]
 Thickness 90-140 µm
 Sterilization.....By autoclaving at 123 °C, 20 min, with γ-radiation 25 KGray or EO
 Thermal Stability.....Max. 140°C

Other Specifications

Properties	Made entirely of polyamide Hydrophilic membrane High non-specific adsorption High mechanical stability Low extractables
Applications	Sterilization and clarification of aqueous and organic solvent solutions HPLC sample preparation Isolating legionella.
Chemical compatibility	See chemical compatibility table on page 114 of our general catalogue http://www.chmlab.com/en/pdf/CHMLABcatalogue.pdf