

# TECHNICAL DATA SHEET

According to Good Manufacturing Practice (CGMP) standards

GRADE: MNY020  
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:

Membrane .....Nylon  
Pore size .....0.2 µm  
Wettability.....Hydrophilic  
Bubble point minimum value, wetted with water ..... 3.4 bar  
Flow rate for water ..... 14 ml/min [cm<sup>2</sup> 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

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