

[DATA SHEET]

5/2-2025

RILSAN® (polyamide)

Applications:

Bags for specific sensitive samples.

Sample bags for photoionization detectors (PID)

Medical packaging

Specifications:

Layflat size: 50-500 mm - tolerance ± 1 mm

Calibre: 32-255 mm

Wall thickness: 30-80 μ - tolerance $\pm 10\%$

Temperature: -40°C - 130°C

Property	Typical Value	Standard
Density	1.04 g/cm ³	ISO R1183D
Melting Point	183–187°C	ASTM D789
Oxygen Transmission	250 cm ³ /40 μ /m ² /24h (23°C/50%RH)	DIN 53122
Water Vapour	35 g/40 μ /m ² /24h (38°C/90%RH)	DIN 53380

Handling:

Storage: Dark, below 25°C and 75% RH. Should be used within one year from date of production.

Remarks:

AMILIN® 11 is a sterilizable tube with a good oxygen and moisture barrier. It has extremely low migration, which is very important for several applications.

Certification:

1. AMILIN® 11 fulfils the demands for food approvals according to FDA regulation 21 CFR§177.1500 "Nylon resins", European Guidelines (89/109/EEC - 82/711/EEC) and amendments (93/8/EEC – 97/48/EEC) – 85/572/EEC – 2002/72/EEC, and simulated following the practical circumstances, gives away a quantity of material lower than 10 mg/dm². Also complies with Bundesgesundheitsamt (BGVV) X Polyamide Stand 10.05.95.
2. Commission Regulation (EU) 2024/3190 of 19 December 2024 on the use of bisphenol A (BPA) and other bisphenols and bisphenol derivatives with harmonized classification for specific hazardous properties in certain materials and articles intended to come into contact with food, amending Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food and repealing Regulation (EU) 2018/213, has been published.