

# Nylon II



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## Description and Characteristics

Nylon II is a tough/elastic, transparent tubular film made from polyamide II. This material is particularly characterised by its excellent aroma tightness, in addition to its high tensile strength, good chemical resistance and compared with other polyamides, low water absorption.

## Application

Nylon II is used for forensic/scene of crime and related industry and in the food field for example sausage guts and cheese packing. Its aroma tightness and high gas impermeability combined with a barrier effect to water vapour makes this film particularly suitable for packaging coffee, spices, tea bags for the disposal of pathogenic waste and in the medical field for sterilization.

## Technical Data

<u>Properties</u>	<u>Unit</u>	<u>Value</u>	<u>Test Method</u>
Density	g/cm <sup>2</sup>	1.04	DIN 53 550
Tensile Strength, Cond	daN/cm <sup>2</sup>	420/440	DIN 53 455
Elongation at break, cond	%	150/230	DIN 53 455
Freezer resistance	°C	-60	
Thermal Stability short time	°C	140	
Gas permeability (40micron Specimen)			
Water Vapour	g/m <sup>2</sup> d bar	8/12	
Oxygen	cm <sup>3</sup> /m <sup>2</sup> d bar	210/250	
Carbon Dioxide	cm <sup>3</sup> /m <sup>2</sup> d bar	1150/1250	
Nitrogen	cm <sup>3</sup> /m <sup>2</sup> d bar	25/35	

## Physiological non-objection

Nylon II in contact with food complies with the relevant regulations of German health authorities as well as that of the US Food and Drug administration

## Availability

Nylon II is available in natural transparent colour as tube or one side slit tube and as pouches ( Colour material is available upon request)

Film thickness: 30 / 200 Micron  
Film Width: 40 / 710 mm



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