

# Fluoropolymer NEOFLON FEP NF-0100B1

 TECHNICAL  
DATASHEET

**NEOFLON FEP NF – 0100B1 is a highly transparent fluoropolymer film with characteristics close to PTFE.**

## Introduction

- NEOFLON FEP film is smooth high-performing non-stretch film which is formed by melt extrusion with NEOFLON FEP material.
- NEOFLON FEP film consists of atoms of carbon and fluorine, and has outstanding heat and chemical resistance, non-adhesion, and non-flammability.
- It also possesses fabricating characteristics, including heat sealing, thermoforming, welding and heat bonding as well as adhesion (surface treatment items).
- By special surface treatment, it is possible to adhere to other materials such as adhesives, resins, rubbers etc, that were difficult in the past

## General characteristics

Items	Unit	Figures	Test method
Average thickness	μm	100	ASTM D 3368
Melting point	°C	270	DSC method
Tensile strength	MPa	30.0	ASTM D3368
Elongation	%	400	ASTM D3368
Heat shrinkage rate (MD/TD)	%	-0.9 / -0.8	ASTM D3368 200°C×10min
Adhesive strength	N/m	914	DAIKIN method

\* The figures in this table are typical measured values at our company, not the values for guaranteeing.

## Handling / Safety information

- Be sure to read the notes on SDS and labels before use.
- This product is intended for general industry, and therefore its adequacy and safety as a raw material for medical purposes cannot be guaranteed.

## Packaging

- The product is rolled on a paper core, hung with a protector at both ends, and packed in a carton box.



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