

Fluoropolymer NEOFLON FEP NF-0050B1

 TECHNICAL
DATASHEET

NEOFLON FEP NF – 0050B1 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	50	ASTM D 3368
Melting point	°C	270	DSC method
Tensile strength	MPa	30.6	ASTM D3368
Elongation	%	370	ASTM D3368
Heat shrinkage rate (MD/TD)	%	-1.2/-0.5	ASTM D3368 200°C×10min
Adhesive strength	N/m	690	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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