

# Fluoropolymer NEOFLON PFA AF-0050B1

## TECHNICAL DATASHEET

**NEOFLON PFA AF – 0050B1 is a fluoropolymer film with about the same characteristics as PTFE.**

### Introduction

- NEOFLON PFA film is smooth high-performing non-stretch film which is formed by melt extrusion with NEOFLON PFA material.
- NEOFLON PFA film has a molecular structure in which a principle chain consisting of atoms of carbon and fluorine is combined with the perfluoroalkoxyl group, to give outstanding heat and chemical resistance, nonadhesion, and nonflammability.
- It also possesses fabricating characteristics including 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	305	DSC method
Tensile strength	MPa	43	ASTM D3368
Elongation	%	400	ASTM D3368
Heat shrinkage rate (MD/TD)	%	− 0.8 / − 0.9	ASTM D3368 200°C×10min
Adhesive strength	N/m	700	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.

For more information, visit our website.

**DAIKIN INDUSTRIES, LTD.**