

Fluoropolymer NEOFLON PFA AF-0100B1

TECHNICAL DATASHEET

NEOFLON PFA AF – 0100B1 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	100	ASTM D 3368
Melting point	°C	305	DSC method
Tensile strength	MPa	40	ASTM D3368
Elongation	%	410	ASTM D3368
Heat shrinkage rate (MD/TD)	%	−0.6 / −0.7	ASTM D3368 200°C×10min
Adhesive strength	N/m	1160	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.