

Fluoropolymer NEOFLON PFA AF-0500

TECHNICAL DATASHEET

NEOFLON PFA AF - 0500 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).

General characteristics

Items	Unit	Figures	Test method
Average thickness	μm	500	ASTM D 3368
Melting point	°C	305	DSC method
Tensile strength	MPa	32	ASTM D3368
Elongation	%	350	ASTM D3368
Heat shrinkage rate (MD/TD)	%	− 0.6 / − 0.5	ASTM D3368 200°C×10min

* 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.