

Fluoropolymer NEOFLON PFA AF-3000

 TECHNICAL
DATASHEET

NEOFLON PFA AF - 3000 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 | 3000 | ASTM D 3368 |
| Melting point | °C | 305 | DSC method |
| Tensile strength | MPa | 28 | ASTM D3368 |
| Elongation | % | 310 | ASTM D3368 |
| Heat shrinkage rate (MD/TD) | % | -0.7 / -0.4 | 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.

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