

Fluoropolymer NEOFLON FEP NF-0012

TECHNICAL
DATASHEET

NEOFLON FEP NF - 0012 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).

General characteristics

| Items | Unit | Figures | Test method |
|-----------------------------|------|-------------|---------------------------|
| Average thickness | μm | 12 | ASTM D 3368 |
| Melting point | °C | 270 | DSC method |
| Tensile strength | MPa | 32.7 | ASTM D3368 |
| Elongation | % | 280 | ASTM D3368 |
| Heat shrinkage rate (MD/TD) | % | +1.0 / -1.6 | 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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tds-nf-0012-E_ver01_Oct_2018
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