

Fluoropolymer NEOFLON PCTFE DF-0050C1

 TECHNICAL
DATASHEET

NEOFLON PCTFE DF - 0050C1 is a fluoropolymer film with excellent water vapor barrier properties.

Introduction

- NEOFLON PCTFE film is a plastic film which excels in terms of water vapor barrier property, transparency, chemical resistance, and electrical insulation property.
- It possesses optimal moisture prevention properties in all kinds of plastics. Moreover it also excels in transparency, realizing a value of less than 1% Haze.
- It has superior chemical resistance as well, ensuring a solution of acid, alkali and organic for a long time.
- Wetting property is improved by applying corona treatment on one side.

General characteristics

Items	Unit	Figures	Test method
Average thickness	μm	50	ASTM D 3595
Haze	%	0.30	HAZE Measure
Tensile strength	MPa	45	ASTM D3595
Elongation	%	150	ASTM D3595
Heat shrinkage rate (MD/TD)	%	+ 15/-15	ASTM D3595 150°C×10min
Water vapor permeability	g/m ² /day	0.11	ASTM D1249-90
Wettability	μN	500	JIS K6768

* 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 cautionary statement written on the MSDS and label before you use.
- These products are for general industries, and we cannot assure their adequacy as material for medical purpose.

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.

<https://www.daikinchemicals.com/>