

# Solvent-based Fluoropolymer coating

## NEOFLON FEP ND-2R

 TECHNICAL  
DATASHEET

### Film formation without pinhole is possible

#### Introduction

- NEOFLON FEP ND-2R is a solvent-based FEP dispersion.
- It makes a clear layer dispersion non-stick property.

#### Characteristics

Film appearance	Viscosity [cP]	Solid content [mass%]
Clear	500	23

#### Characteristics of the coating film

Items	Unit	Data	Method of measurement
Pencil hardness (25°C)		H – 2H	JIS K6894 (Stripping hardness of base material)
Cross-cut adhesion		100/100	JIS K5400 8.5 (Stripping with cellophane tape, 10 times)
Contact angle (Water) (Hexadecane)	degree	105 – 108 50 – 53	Contact angle meter at 25°C

※ The coating film was evaluated with a test piece below.

Substrate: Aluminum plate roughened with Tosa Emely Extra #80/#100=50/50

Primer: EK-1909S21R, approximately 10µm thick

Topcoat: Approximately 20µm thick

\* The numeric values above are typical and not guaranteed.

#### Handling method/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.



| Positively Innovative

For more information, visit our website.

**DAIKIN INDUSTRIES, LTD.**

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

tds-nd-2r-E\_ver01\_Mar\_2018  
Copyright (C) DAIKIN INDUSTRIES, LTD., 2018