

## Daikin NEOFLON NF-0500 FEP Film

Category : Polymer , Film , Thermoplastic , Fluoropolymer , FEP , Fluorinated Ethylene Propylene (FEP), Molded/Extruded

### Material Notes:

NEOFLON FEP films are a high performance film made from NEOFLON FEP resin and have superior reliability and retention of their properties. NEOFLON FEP is applicable in such diversified fields as electrical, chemical, food, and pharmaceutical industries. Information provided by Daikin Industries.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Daikin-NEOFLON-NF-0500-FEP-Film.php](http://www.lookpolymers.com/polymer_Daikin-NEOFLON-NF-0500-FEP-Film.php)

Physical Properties	Metric	English	Comments
Oxygen Transmission	320 cc-mm/m <sup>2</sup> -24hr-atm	812 cc-mil/100 in <sup>2</sup> -24hr-atm	at 25°C
Nitrogen Transmission	104 cc-mm/m <sup>2</sup> -24hr-atm	263 cc-mil/100 in <sup>2</sup> -24hr-atm	at 25°C
Thickness	508 microns	20.0 mil	

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.040 - 0.060	0.040 - 0.060	

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	
Oxygen Index	>= 95 %	>= 95 %	

Optical Properties	Metric	English	Comments
Transmission, Visible	92 - 95 %	92 - 95 %	
IR Transmittance	95 - 98 %	95 - 98 %	
UV Transmittance	91 - 92 %	91 - 92 %	

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.0 - 2.2	2.0 - 2.2	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
	2.0 - 2.2	2.0 - 2.2	ASTM D150
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dissipation Factor	0.00010 - 0.00030	0.00010 - 0.00030	

Descriptive Properties	Value	Comments
Roll Length	40 mm	
Roll Weight	50 kg	
Roll Width	1250 mm	

**Contact Songhan Plastic Technology Co.,Ltd.**

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