

PRODUCTS DATA SHEET

Part Ref: SEL-3254-x/x

x/x = size code

8/4 = 8x4mm

12/6 = 12x6mm

1.Outline

Venting Systems are designed to provide solutions for ventilation at electronics equipments.

TEMISH® is the PTFE (Polytetrafluoroethylene) porous membrane manufactured by NITTO DENKO.

This PTFE porous membrane has several hundred million micro pores per square centimeter. TEMISH® has excellent features such as water resistance, water repellency, air permeability, dust -resistance, thermal resistance.

Having excellent air permeability and water resistance, it is suitable to extensive applications, such as vent filter for automotive parts, mobile communication equipments, and others.

For special applications, TEMISH® membranes are required to be liquid repellent (such as various oils / detergents) to reserve original functions.

To meet this requirement, NITTO DENKO Corporation has developed oil-resistance PTFE porous membrane " TEMISH® NTF2000-series ".

S-NTF2026A-N06J has the following excellent properties

- Water proofness
High water entry pressure enables protection from water permeation.
- Dust proofness
High collection efficiency enables protection from dust permeation.
- Air / gas / humidity permeability
High air-permeability enables a equalization of different pressure in electronic equipment.
- Oil / chemical resistance
Oil / water repellent PTFE porous membrane enables protection from oil / chemical permeation.
- Mechanical strength
TEMISH® is supported by high mechanical strength substrates.
- High performance adhesive double coated tape
TEMISH® venting system is combined with a high performance double coated tape manufactured by NITTO DENKO.
- Special converting
we provide special figure requested by customers.

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2. General Properties

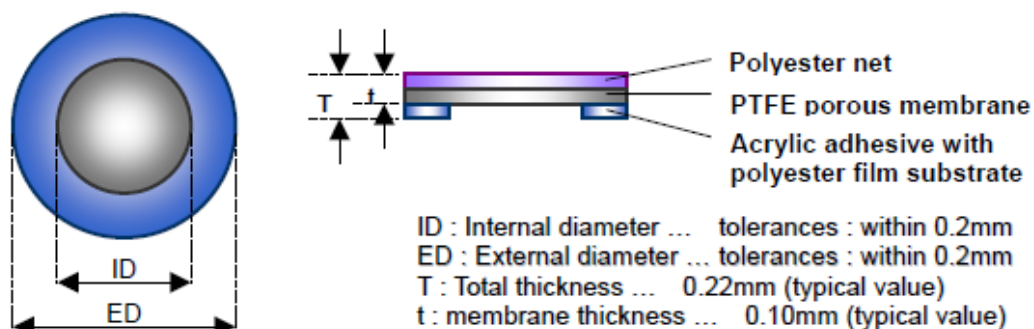
Item	Unit	S-NTF2026A-N06J
Thickness	mm	0.10
Nominal pore size	um	0.6
Air permeability *1	sec / 100cm ³	10
Water entry pressure *2	kPa	200
Collection efficiency *3	%	99.999 or more
Substrate	-	Polyester net

*1 JIS P 8117 (Gurley method)

*2 JIS L 1092 6.1 method B (High hydraulic method)

*3 Surface velocity:5.3cm/sec,Aerosol:cold DOP(0.3-0.4 μ m)

3.Construction



External diameter	Internal diameter
8	4
12	5
14	6
15	7
16	10

External diameter	Internal diameter
9.5	4
10, 12, 14	6
12, 14, 16	8
14, 16	10
16, 18, 20	12
20	15
25	20
30	25
35	30
40	35

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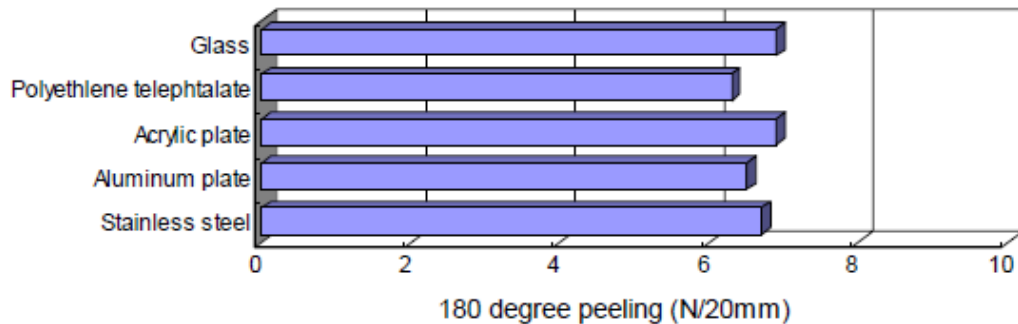
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External diameter	Internal diameter	Airflow (cm ³ /min at 1kPa)	Water entry pressure (kPa)
8	4	10	200
12	5	15	200
14	6	21	200
15	7	29	200
16	10	60	200

4. Properties of adhesive



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