

# TEMISH®

## Capseal C2-NTF9208-L01

### 1. Outline

TEMISH® is PTFE porous membrane superior to other plastic porous materials in water resistance, air permeability, dust resistance, thermal resistance and weatherability. Having excellent air permeability and water resistance, it is suitable to extensive applications, such as waterproof and air vent for automotive parts, mobile communication equipments, and others. TEMISH® Capseal C2-NTF9208-L01 is a newly developed venting composite with TEMISH® for automotive lamps. With outstanding properties of TEMISH®, TEMISH® Capseal C2-NTF9208-L01 protects reliably lamps from external water and dust.

\* PTFE : Polytetrafluoroethylene

### 2. Features

TEMISH® Capseal C2-NTF9208-L01 has following advantages with taking over reliance of ordinary Capsel series.

- \* High air permeability
- \* High dust resistance

### 3. Appearance

TEMISH® Capseal C2-NTF9208-L01 is composite product consists of Inner section (Thermo plastic elastomer), Outer cap (Polypropylene) and TEMISH® (PTFE porous membrane). Appearance of the Capsel is shown on figure 1.

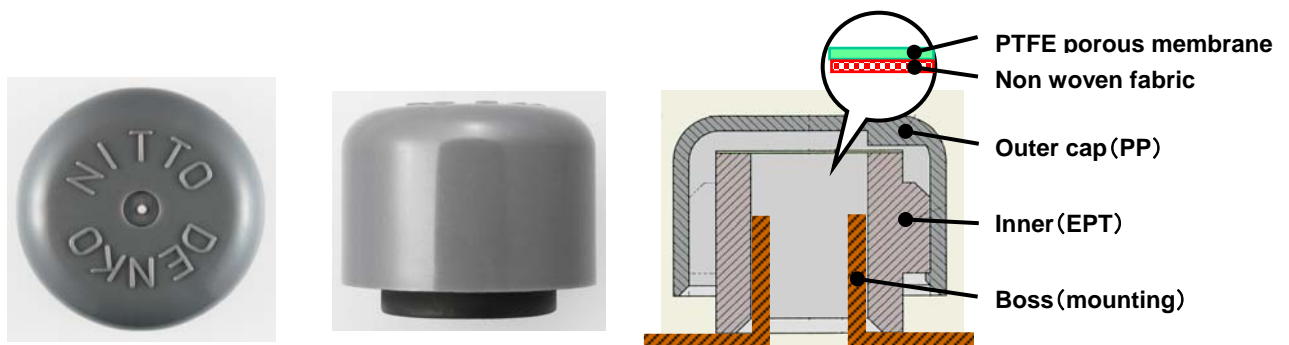


Figure 1. Appearance of TEMISH® Capsel C2-NTF9208-L01

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## 4. Initial properties

### 4-1. Test method

Air permeability: Permeation volume at differential pressure 1kPa

Water entry pressure: High water pressure method (based on JIS L 1092)

The Capseal is exposed on water pressure to test water resistance.

Table 1. Properties of TEMISH® Capseal C2-NTF9208-L01

Property	C2-NTF9208-L01
Water entry pressure (kPa)	20
Air permeability (cm <sup>3</sup> /min at 1kPa)	1500

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