

# Soken Tape SM-0920NH

Ver.04

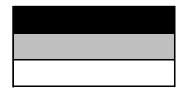
# **Technical Data Sheet**

Nov-2021

# **General Description**

Soken Tape SM-0920NH is a toluene free Non-woven based single-sided tape. Low VOC double-sided tape t=0.12mm which has a high adhesion to various materials is laminated to black non-woven material t=0.9mm.Total VOC content is far lower than ordinally products and it reduce influences on environments human body and human bodies.

#### **Product Construction**



Black Non-woven Material (t=0.9mm)

Double-sided tape (t=0.12mm)

White release paper

Total thickness: 1.020 ± 0.200mm

#### **Characteristics**

- Raw materials don't contain the 13 kinds of hazardous materials that Health Ministry of Japan's designated
- Toluene free, the total VOC content is lower than ordinary products, and is more suitable for indoor or closed space use.
- Good attachment against low surface energy material such as PP and foam materials,etc
- · Excellent performance under a wide range of temperature.

### **Applications**

Bonding Automobile Interior Materials

## **Properties**

Item	Value	Test Procedures
Peel Strength (N/25mm)	10.0	180 degree peel at 300mm/min 23°C 50%RH, to SUS plate, 20min conditioning time
Holding Power (mm)	0.3	Weight held for 1 hour to SUS with 20x20mm overlap, 1Kg at 40°C, 20min conditioning time
Ball Tack	22.0	23°C50%RH, according to J.Dow method
Laminate strength (N/15mm)	12.6	15mm width peel by T shape direction at 200mm/min 23°C 50%RH measure between Black non-woven and double-sided tape
Abrasion (Class)	3.0	JIS L1096 (Taber mathod) Wheel No:CS 10, Load:2.45N, Stroke:100 times

#### **Shelf Life**

12 months from date of manufacture when stored in original cartons at

-5 to 40°C and relative humidity below 70%

**Disclamer** The above figures are taken from experiments conducted under standard conditions at Soken. They are not for guaranteed, just for your reference only.

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