

Soken Tape SM-0420NH

Ver.04

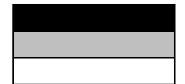
Technical Data Sheet

Nov-2021

General Description

Soken Tape SM-0420NH 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=0.4mm. 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=0.4mm)

Double-sided tape (t=0.12mm)

White release paper

Total thickness: 0.520 ± 0.062mm

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)	13.7	180 degree peel at 300mm/min 23°C 50%RH, to SUS plate, 20min conditioning time
Holding Power (mm)	0.5	Weight held for 1 hour to SUS with 20x20mm overlap, 1Kg at 40°C, 20min conditioning time
Ball Tack	22	23°C50%RH, according to J.Dow method
Laminate strength (N/15mm)	2.5	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)	5.0	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.

URL: http://soken-asia.com TEL: +66-3807-9900 FAX: +66-3807-9894 E-mail: salessupport1@scasia.co.th