

AUBURN PRODUCT NEWS

Auburn Manufacturing Co.

29 Stack St., Middletown, CT 06457

Phone (860-346-6677 FAX (860) 346-1334

www.auburn-mfg.com

email: info@auburn-mfg.com

CLOSED CELL SPONGE #SCE45B

CLOSED CELL SPONGE SCE45B is a firm density, expanded cellular rubber composed of a blend of *NEOPRENE, EPDM AND SBR ingredients*. It is characterized by relatively small, non-connecting, gas-tight individual cells. Advantages are its very low water absorption characteristics, its ability to conform to curves, and its good insulation qualities. The exposed surfaces of the sponge have a velvet finish. **SCE45B** is light in weight, highly bondable, and easy to die-cut into specific shapes.

STOCK NUMBERSCE45B

SPECIFICATIONS

ASTM-D-1056-67 SCE-45
ASTM-D-1056-00 2A5
Mil-R-6130C Type Type II, Grade A
Type Grade Condition Firm
Mil-C 3133C MIL STD 670B SCE20 F2

FLAMMABILITY SPECIFICATIONS

UL-94-HF1 —
UL-94-HFB —
Mil-R-6130C Pass
FMVSS-302 Pass

PHYSICAL PROPERTIES

25 % Compression Deflection (PSI) 17-24
Density Approximate (PCF) 12 ± 2
Water Absorption Maximum Weight % 5
Temperature Range °F -40/+200
Temperature High Intermittent °F 250
Ozone Resistance Good
Tensile Strength (PSI) 150
Fuel B Max % Weight Change n/a
Elongation Typical Properties % 150
Durometer Shore 00 (Approximate) 75-Over
Linear Shrinkage 7 Days @ 158 °F (Max) 5%
K Factor —

ORDERING INFORMATION: **SCE45B** is available in standard sheet sizes of 72" x 42", in thicknesses of 1/16" thru 2.00". Also, this material is available in roll form. Slit widths range from 1/4" up to 42". Sheet and rolls are available either plain or with an adhesive backing applied to one or both sides. **SCE45B** readily accepts either pressure sensitive adhesive or transfer adhesive. Standard colors are either black or grey. Please contact your Auburn Customer Service Representative for further technical assistance, material recommendations, samples or price quotations.