

# AUBURN PRODUCT NEWS

## Auburn Manufacturing Co.

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## CLOSED CELL SPONGE #SCE41B

**CLOSED CELL SPONGE SCE41B** is a soft 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. *SCE41B* is light in weight, highly bondable, and easy to die-cut into specific shapes.

**STOCK NUMBER** .....SCE41B

### **SPECIFICATIONS**

ASTM-D-1056-67 ..... SCE-41  
ASTM-D-1056-00 ..... 2A1  
Mil-R-6130C Type ..... Type II, Grade A  
Type Grade Condition ..... Soft  
Mil-C 3133C MIL STD 670B ..... SCE3 F2

### **FLAMMABILITY SPECIFICATIONS**

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

### **PHYSICAL PROPERTIES**

25 % Compression Deflection (PSI) .....2-5  
Density Approximate (PCF) ..... 6 ± 2  
Water Absorption Maximum Weight % .....5  
Temperature Range °F ..... -40/+200  
Temperature High Intermittent °F .....250  
Ozone Resistance ..... Excellent  
Tensile Strength (PSI) .....75  
Fuel B Max % Weight Change .....n/a  
Elongation Typical Properties % .....150  
Durometer Shore 00 (Approximate) ..... 30-50  
Linear Shrinkage 7 Days @ 158 °F (Max) .....5%  
K Factor .....0.30

**ORDERING INFORMATION:** *SCE41B* 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. *SCE41B* 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.