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.