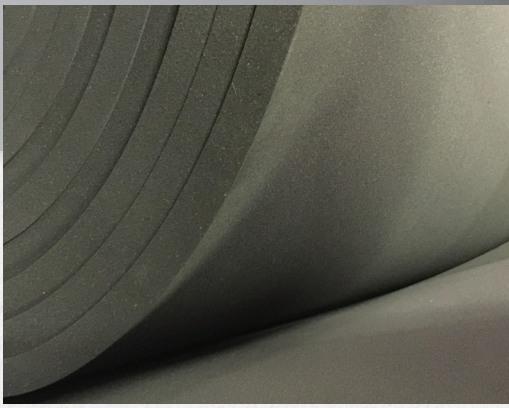


SPONGE RUBBER



Available plain or with PSA backing close cell sponge rubber is an economical seal with excellent compression. This material can be used to absorb shocks, cushion, deaden sound and seal against, air moisture and light and dust penetration. The blend of Neoprene and EPDM makes this material moderately resistant to oil and ozone. Meets a variety of industry specifications. Pre-slit weather stripping also available.

SCE41B TYPICAL PROPERTIES (Soft Density)

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION 25%	ASTM D1056	psi	2 - 5
		kPa	13.8 - 34.4
DENSITY	ASTM D1056	pcf	4 - 8
		g/cm ³	0.64 - 0.128
COMPRESSION SET (Max)	ASTM D1056	%	40
WATER ABSORPTION (Max)	ASTM D1056	%	10
TENSILE STRENGTH (Typical)	ASTM D412 (DIE A)	psi	75
		kPa	517
ELONGATION (Typical)	ASTM D412 (DIE A)	%	125
TEAR STRENGTH (Typical)	ASTM D624 (DIE C)	lb / in	9.6
		kN / m	1.7
CD CHANGE AFTER OVEN AGING	ASTM D1056	%	±30
RESILIENCE (Typical)	ASTM D2632	%	35
COLOR	N/A	N/A	Black

SPECIFICATIONS

ASTM D1056-67 — SCE41
 ASTM D1056-78 — RE41
 ASTM D1056-07 — 2A1
 ASTM D1056 Suffix's — A1, C1, F2, M
 ASTM D6576-07 — Type II A, B, C Soft
 MIL-R-6130C — II-A Soft
 MIL-C-3133C MIL STD 670 B — SCE3
 UL48/ UL50 / UL50E / UL157 / UL508 — Listed

FLAMMABILITY SPECIFICATIONS

UL94 HF-1 — LISTED¹
 FMVSS-302 — Pass(.098" or Thicker)
¹ Contact customer service for thickness data.

ADDITIONAL INFORMATION

Service Temperature — 40°F to 200°F
 High Intermittent Temperature — 250°F
 Thermal Conductivity— .38 Btu-in/hr-Ft²-°F

*Tables display most prevalent versions of material. Unlisted durometers and manipulations to these specification can be custom manufactured.

POLYMER NEOPRENE / EPDM / SBR

SCE42B TYPICAL PROPERTIES (Medium Density)

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION 25%	ASTM D1056	psi	5 - 9
		kPa	34.5 - 62
DENSITY	ASTM D1056	pcf	4 - 8
		g/cm ³	0.64 - 0.128
COMPRESSION SET (Max)	ASTM D1056	%	40
WATER ABSORPTION (Max)	ASTM D1056	%	10
TENSILE STRENGTH (Typical)	ASTM D412 (DIE A)	psi	75
		kPa	517
ELONGATION (Typical)	ASTM D412 (DIE A)	%	125
TEAR STRENGTH (Typical)	ASTM D624 (DIE C)	ib / in	9.6
		kN / m	1.7
CD CHANGE AFTER OVEN AGING	ASTM D1056	%	±30
RESILIENCE (Typical)	ASTM D2632	%	35
COLOR	N/A	N/A	Black

SPECIFICATIONS

ASTM D1056-67 — SCE41
 ASTM D1056-78 — RE41
 ASTM D1056-07 — 2A1
 ASTM D1056 Suffix's — A1, C1, F2, M
 ASTM D6576-07 — Type II A, B, C Soft
 MIL-R-6130C — II-A Soft
 MIL-C-3133C MIL STD 670 B — SCE3
 UL48/ UL50 / UL50E / UL157 / UL508 — Listed

FLAMMABILITY SPECIFICATIONS

UL94 HF-1 — LISTED¹
 FMVSS-302 — Pass(.098" or Thicker)
¹ Contact customer service for thickness data.

ADDITIONAL INFORMATION

Service Temperature — 40°F to 200°F
 High Intermittent Temperature — 250°F
 Thermal Conductivity— .38 Btu-in/hr-Ft²-°F

*Tables display most prevalent versions of material. Unlisted durometers and manipulations to these specification can be custom manufactured.

POLYMER NEOPRENE / EPDM / SBR

* RAGCO supports the autonomy of its locations to select the best products to service their markets. Subtle variations of these specification may exist. Contact your RAGCO affiliate for confirmation.

SPONGE RUBBER continued

SCE43B TYPICAL PROPERTIES (Hard Density)

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION 25%	ASTM D1056	psi	9 - 13
		kPa	62 - 89.6
DENSITY	ASTM D1056	pcf	7 - 11
		g/cm ³	0.112 - 0.176
COMPRESSION SET (Max)	ASTM D1056	%	30
WATER ABSORPTION (Max)	ASTM D1056	%	10
TENSILE STRENGTH (Typical)	ASTM D412 (DIE A)	psi	100
		kPa	690
ELONGATION (Typical)	ASTM D412 (DIE A)	%	125
TEAR STRENGTH (Typical)	ASTM D624 (DIE C)	lb / in	15
		kN / m	2.6
CD CHANGE AFTER OVEN AGING	ASTM D1056	%	±30
RESILIENCE (Typical)	ASTM D2632	%	20
COLOR	N/A	N/A	Black

SPECIFICATIONS

ASTM D1056-67 — SCE43
 ASTM D1056-78 — RE43
 ASTM D1056-07 — 2A3
 ASTM D1056 Suffix's — A1, C1, F1, M
 ASTM D6576-07 — Type II A, B, Medium
 MIL-R-6130C — II-A Medium
 MIL-C-3133C MIL STD 670 B — SCE11
 UL48/ UL50 / UL50E / UL157 / UL508 — Listed

FLAMMABILITY SPECIFICATIONS

UL94 HF-1 — LISTED¹
 FMVSS-302 — Pass(.098" or Thicker)
¹ Contact customer service for thickness data.

ADDITIONAL INFORMATION

Service Temperature — 40°F to 200°F
 High Intermittent Temperature — 250°F
 Thermal Conductivity— .38 Btu-in/hr-Ft²-°F

*Tables display most prevalent versions of material. Unlisted durometers and manipulations to these specification can be custom manufactured.

POLYMER NEOPRENE / EPDM / SBR

