

# Styrene-butadiene Rubber Sheets

By [Styrene-butadiene Rubber Sheets](http://www.dongrubber.com) - www.dongrubber.com, sales@dongrubber.com

Styrene-butadiene Rubber Sheet (SBR Rubber) is produced by natural rubber sheet blending with styrene butadiene. The rubber has excellent mechanical properties, low compression set and high resilience. It also has excellent dynamic and rebound properties. It is available in a wide range of hardness from 30o to 90o shore A.

## Application:

SBR rubber sheets are used as skit board sheets, bride bearing pads, shot plasting sheets, high tensile tangum sheets, commercial sheet with or without cotton/nylon insertion etc. It also has excellent oil resistance, and good resistance to acids, alkalis and salts. SBR rubber is not recommended for use in area where it could come in contact with oils and hydrocarbons.

## Specification:

COMMERCIAL NATURAL RUBBER SHEET: BLACK								
Model	Specific Gravity	Hardness (±5)	Tensile Strength	Elongation at break	Tear Strength	Abrasion Resistant	Compression Set at 70°C for 22 hrs	Working Temp.
	g / cm <sup>3</sup>	Shore A	(min) kg / cm <sup>2</sup>	(min) %	kg / cm	mm <sup>3</sup> 10N	%	°C Range
SBR1501	1.50	65	25	200	15	-	50	-10+70
SBR2001	2.00	75	15	150	12	-	80	-10+70
SBR1351	1.35	60	50	300	22	300	50	-30+70
SBR1502	1.50	70	35	250	12	480	60	-30+70
SBR1601	1.60	70	30	200	15	-	70	-10+70

COMMERCIAL NATURAL RUBBER SHEET: DIFFERENT COLORS								
Model	Specific Gravity	Hardness (±5)	Tensile Strength	Elongation at break	Tear Strength	Abrasion Resistant	Compression Set at 70°C for 22 hrs	Working Temp.
	g / cm <sup>3</sup>	Shore A	(min) kg / cm <sup>2</sup>	(min) %	kg / cm	mm <sup>3</sup> 10N	%	°C Range
SBR1503	1.50	65	60	300	22	400	55	-25+70
SBR1401	1.40	60	65	300	20	350	45	-30+80

SPECIAL NATURAL RUBBER SHEET OFF WHITE COLORS								
Model	Specific Gravity	Hardness (±5)	Tensile Strength	Elongation at break	Tear Strength	Abrasion Resistant	Compression Set at 70°C for 22 hrs	Working Temp.
	g / cm <sup>3</sup>	Shore A	(min) kg / cm <sup>2</sup>	(min) %	kg / cm	mm <sup>3</sup> 10N	%	°C Range

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			cm <sup>2</sup>					Range
SBR1101	1.10	40(+5-4)	190	600	30	115	30	-50+70
SBR1201	1.20	50(+5-4)	170	500	35	115	30	-50+70
SBR1301	1.30	60(+5-4)	170	400	40	115	30	-50+70

## SPECIAL NATURAL RUBBER SHEET BLACK COLORS

Model	Specific Gravity	Hardness (±5)	Tensile Strength	Elongation at break	Tear Strength	Compression Set at 70°C for 22 hrs	Working Temp.
	g / cm <sup>3</sup>	Shore A	(min) kg / cm <sup>2</sup>	(min) %	kg / cm	%	°C Range
SBR1051	1.05	40(+5-4)	190	600	40	30	-50+70
SBR1102	1.10	50(+5-4)	170	500	45	30	-50+70
SBR1151	1.15	60(+5-4)	170	400	50	30	-50+70

Standard Length	10 Mtr	10,000mm	33ft	11 yard
Standard Width	1.2 / 1.4/1.5 mtr	1200 / 1400 / 1500mm	4 / 4.6 / 5ft	1.33 / 1.53 / 1.65 yard
Standard Thickness	1 - 50 mm		1/32" - 2"	
Colors				

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