

ROLLED RUBBER PRODUCT SPECIFICATIONS

PART 1 – PHYSICAL SPECIFICATIONS

COMPOSITION:	Poly bonded granular recycled black rubber, or with EPDM colored rubber		
THICKNESS:	Standard 9.5mm; 2mm to 12mm thickness available		
WIDTHS:	Standard 4 feet. Available up to 5 feet.		
LENGTHS:	Standard 25, 50 & 75 feet. Custom lengths and sheets available.		
COLORS:	Natural, Solid Black, 17% color in Blue, Yellow, Red, Grey, Green and Blue. Custom colors and percentages available with minimum purchase.		
WEIGHTS:	<u>THICKNESS (mm)</u>	<u>NOMINAL THICKNESS (in)</u>	<u>AVE. WEIGHT</u>
	2 mm		6.4 oz/ft ²
	3 mm	1/8"	9.2 oz/ft ²
	6.4 mm	1/4"	20.8 oz/ft ²
	7.9 mm	5/16"	19.0 oz/ft ²
	9.5 mm	3/8"	27.6 oz/ft ²

PART 2 – PRODUCT TESTING

Tests below are on 3/8" thickness (70-71) material:

ACOUSTIC RATING:	Superior
CHEMICAL BEHAVIOR:	Resistant to water; resistant to numerous diluted acids and alkaline solutions. Chemically neutral; UV resistant
DENSITY:	60 lb/ft ³ or 980 kg/m ³
DUROMETER HARDNESS SHORE A:	55
ELONGATION:	<145%
SHEARING STRENGTH:	<0.60 (N/mm ²)
TEMPERATURE STABILITY:	-30°C up + 80°C in resting conditions
TENSILE STRENGTH:	<1.80 (N/mm ²)
TOLERANCES:	Thickness +/-3%, Width +/- 1%, Length +/- 1%

Tests below are on 3mm thickness (natural) material:

ACOUSTIC RATING:	Testing in progress		
COEFFICIENT OF FRICTION:	<u>Mat to Mat</u>	<u>Mild Steel to Mat</u>	<u>Oak Wood to Mat</u>
Static:	1.651 ave.	0.46 ave.	1.107 ave.
Kinetic:	1.289 ave.	0.335 ave.	0.755 ave.

DENSITY:	60 lb/ft ³
DIE C TEAR:	81 lb/lin. inch average
DUROMETER HARDNESS SHORE A:	65
ELONGATION:	80%
TEMPERATURE STABILITY:	Mass Loss after 24 hours @212°F = .85% (on 9.5 mm thickness)
TENSILE STRENGTH:	322 lb/inch ² average

All testing is conducted off site by esteemed independent testing institutions. Copies of actual testing reports from these institutions are available by request.