



DuraFlex Rubber - a highly durable, flexible, and resilient fiber-reinforced masticated thermo-set rubber available in sheet or rolled form. Commonly used in manufacturing of die cut components, cargo restraint mats, industrial and agricultural floor matting as well as athletic flooring. Special applications include load bearing pads and acoustic control underlay.

DuraFlex Rubber made of thermo-set fiber reinforced masticated rubber.



Dimensions

TYPE	GAUGE	WIDTH	LENGTH
DF-080	0.080" / 2 mm	43" / 1.09 m	800' / 240 m
DF-125	0.125" / 3.2 mm	49" / 1.24 m	600' / 180 m
DF-259	0.250" / 6.4 mm	49" / 1.24 m	300' / 90 m

Tolerance

	ROLL	SHEET
Length	± 5' (1.5 m)	-0 / +1" (25.4 mm)
Width	-0, +1" (25.4 mm)	-0 / +1" (25.4 mm)
Thickness up to 1/8"	-0 / +0.020" (0.50 mm)	-0 / +0.020" (0.5 mm)
Thickness up to 1/4"	-0 / +0.030" (0.76 mm)	-0 / +0.030" (0.76 mm)

Technical Data

PHYSICAL PROPERTIES (ORIGINAL)	TEST METHOD	SPEC MMSP8252		RESULT	
Tensile Strength, Min	ASTM D412, Die C	MD: 5.2 Mpa TD: 2.5 Mpa	MD: 754 psi TD: 363 psi	MD: 5.3 Mpa TD: 3.0 Mpa	768 psi 435 psi
Tear Strength, Min	ASTM D624, Die B	MD: 26.4 kN/m TD: 52.5 kN/m	MD: 150 pi TD: 300 pi	MD: 35 kN/m TD: 60 kN/m	200 pi 342 pi
Elongation, % min.	ASTM D412, Die C	MD: 15 TD: 40		MD:18 TD: 50	
Hardness, Shore A	ASTM D2240	82 ±5		78	
Specific Gravity	ASTM D297 sec.16.3	N/A		1.18	
Ozone Resistance	ASTM D518 "B"	Application specific		Application specific	
Low Temperature Resistance	ASTM D2137 @ -40°C	Non-brittle		Pass	

MD - Machine Direction; TD - Transverse Direction

Compound 8048 consists off:

- 40% virgin rubber
- 49% tires derived recycled rubber
- 11% fiber crumbs and additives for curing rubber

NOTES:

- Full roll orders available in thickness: 3/16", 5/16", 3/8", 1/2", 3/4", 1"
- For better abrasion resistance and physical properties **DuraFlex** is available in #8070 compound

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