

Name **EPDM Rubber Sheet**
 Code **PR-4A50/60**
 ASTM **D2000 3BA508/608 A14 C12 F17**

1. DIMENSIONS AND APPEARANCE

Thickness	in	1/32 - 2
Length	ft	5 - 300
Width	in	2 - 72
Surface finishing		Smooth finish, both sides
Color		Black

2. PHYSICAL PROPERTIES

		PR-4A50	PR-4A60	
Hardness	Shore A	50 ± 5	60 ± 5	ASTM D2240
Tensile strength	psi (MPa)	800 (5.5) min.	800 (5.5) min.	ASTM D412
Elongation	%	300 min.	250 min.	ASTM D412
Heat resistance (70h, 100°C)				
Change in hardness	Shore A	± 10 max.	± 10 max.	ASTM D573/2240
Change in tensile	%	- 25 max.	- 25 max.	ASTM D573/412
Change in elongation	%	- 25 max.	- 25 max.	ASTM D573/412
Compression set (22h, 70°C)	%	50 max.	50 max.	ASTM D395B
Ozone (50pphm, 40°C)		No cracks	No cracks	ASTM D1171
Low temp brittleness	°C	≤ - 40	≤ - 40	ASTM D2137
Low working temp	°C	- 40	- 40	
High working temp	°C	121	121	

3. TOLERANCES

TARGET THICKNESS, in (mm)	MINIMUM, mm	MAXIMUM, mm	WIDTH TOLERANCE, in
1/32 (0.8)	0.54	1.05	-0/+1
1/16 (1.6)	1.21	1.97	-0/+1
3/32 (2.4)	2.00	2.76	-0/+1
1/8 (3.2)	2.79	3.56	-0/+1
3/16 (4.8)	3.95	5.58	-0/+1
1/4 (6.4)	5.54	7.16	-0/+1
3/8 (9.5)	8.71	10.34	-0/+1
1/2 (12.7)	11.51	13.89	-0/+1
5/8 (15.9)	14.4	17.48	-0/+1
3/4 (19.1)	16.69	21.41	-0/+1
1 (25.4)	22.86	27.94	-0/+1