

Product **EPDM Rubber Sheet, EPS-HSS**

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

Product Code		EPS-HSS-B50	EPS-HSS-B60	EPS-HSS-B70	
ASTM D2000		3BA515 B13 C12 F17	3BA615 B13 C12 F17	3BA715 B13 C12 F17	
Hardness	Shore A	50 ± 5	60 ± 5	70 ± 5	ASTM D2240
Tensile strength, min	psi	1500	1500	1500	ASTM D412
Elongation, min	%	400	350	250	ASTM D412
Heat resistance (100°C, 70h)					
Change in hardness, max	Shore A	± 15	± 15	± 15	ASTM D573/2240
Change in tensile, max	%	± 30	± 30	± 30	ASTM D573/412
Change in elongation, max	%	- 50	- 50	- 50	ASTM D573/412
Compression set (70°C, 22h), max	%	25	25	25	ASTM D395B
Ozone resistance (Method B)	Rating, %	100	100	100	ASTM D1171
Low temp resistance (-40°C, 3min)		Pass	Pass	Pass	ASTM D2137
Working temp range	°F	-40 to 212	-40 to 212	-40 to 212	

3. TOLERANCES

THICKNESS, in (mm)	MIN, mm	MAX, mm
1/32 (0.8)	0.54	1.05
1/16 (1.6)	1.21	1.97
3/32 (2.4)	2.00	2.76
1/8 (3.2)	2.79	3.56
3/16 (4.8)	3.95	5.58
1/4 (6.4)	5.54	7.16

THICKNESS, in (mm)	MIN, mm	MAX, mm
3/8 (9.5)	8.71	10.34
1/2 (12.7)	11.51	13.89
5/8 (15.9)	14.4	17.48
3/4 (19.1)	16.69	21.41
1 (25.4)	22.86	27.94

WIDTH TOLERANCE, in
-0/+1 for all thicknesses