

Name **Toyota Grade EPDM**
Code **EPS-TSM1712-SS-B55**
Spec **TSM1712G Class 3**

1. DIMENSIONS AND APPEARANCE

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

2. PHYSICAL PROPERTIES

Hardness	Shore A	55 ± 5	ISO 7619-1
Tensile strength, min	psi (MPa)	566 (3.9)	ISO 37
Elongation, min	%	400	ISO 37
Heat resistance (70h, 70°C)			
Change in hardness, max	Shore A	+ 10	ISO 188
Change in tensile, max	%	± 25	ISO 188
Change in elongation, max	%	- 35	ISO 188
Compression set (22h, 70°C)	%	≤ 50	ISO 815
Ozone (40°C, 10%, 50 pphm)		No cracks	ISO 1431-1
Low temp brittleness	°C	≤ - 45	ISO 812
Abrasion resistance, max	g	0.70	TSL 2100G
Water absorption, max	%	0.80	TSM1712G

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