

EAGLE FLOATS SPECIFICATIONS

8" EAGLE FLOATS		
SIZE	ITEM #	MAX BUOYANCY
1.66' x 6' x 8"	EF-08-2072	350
2' x 3' x 8"	EF-08-2436	205
2' x 4' x 8"	EF-08-2448	290
3' x 4' x 8"	EF-08-3648	460

10" EAGLE FLOATS		
SIZE	ITEM #	MAX BUOYANCY
1.5' x 8' x 10"	EF-10-2096	670

12" EAGLE FLOATS		
SIZE	ITEM #	MAX BUOYANCY
1.3' x 3' x 12"	EF-12-1636	190
2' x 3' x 12"	EF-12-2436	300
2' x 4' x 12"	EF-12-2448	390
2' x 5' x 12"	EF-12-2460	500
2' x 8' x 12"	EF-12-2496	880
2.5' x 4' x 12"	EF-12-3048	540
3' x 3' x 12"	EF-12-3636	470
3' x 4' x 12"	EF-12-3648	620
3' x 5' x 12"	EF-12-3660	810
3' x 6' x 12"	EF-12-3672	950
3' x 8' x 12"	EF-12-3696	1250
4' x 4' x 12"	EF-12-4848	850
4' x 5' x 12"	EF-12-4860	1070
4' x 6' x 12"	EF-12-4872	1300
4' x 8' x 12"	EF-12-4896	1750

16" EAGLE FLOATS		
SIZE	ITEM #	MAX BUOYANCY
1.5' x 6' x 16"	EF-16-1872	640
2' x 3' x 16"	EF-16-2436	390
2' x 4' x 16"	EF-16-2448	530
2' x 5' x 16"	EF-16-2460	670
3' x 3' x 16"	EF-16-3636	620
3' x 4' x 16"	EF-16-3648	820
3' x 5' x 16"	EF-16-3660	1050
3' x 6' x 16"	EF-16-3672	1270
3' x 8' x 16"	EF-16-3696	1670
4' x 4' x 16"	EF-16-4848	1140
4' x 5' x 16"	EF-16-4860	1420
4' x 6' x 16"	EF-16-4872	1720
4' x 8' x 16"	EF-16-4896	2310

18" EAGLE FLOATS		
SIZE	ITEM #	MAX BUOYANCY
2' x 4' x 18"	EF-18-2448	620
3' x 4' x 18"	EF-18-3648	960

20" EAGLE FLOATS		
SIZE	ITEM #	MAX BUOYANCY
1' x 4' x 20"	EF-20-1248	310
2' x 4' x 20"	EF-20-2448	680
3' x 4' x 20"	EF-20-3648	1050
3' x 5' x 20"	EF-20-3660	1250
3' x 6' x 20"	EF-20-3672	1580
3' x 8' x 20"	EF-20-3696	2080
4' x 4' x 20"	EF-20-4848	1430
4' x 5' x 20"	EF-20-4860	1750
4' x 6' x 20"	EF-20-4872	2120
4' x 8' x 20"	EF-20-4896	2910
4' x 10' x 20"	EF-20-48120	3800

EAGLE FLOAT SPECIFICATIONS

24" EAGLE FLOATS		
SIZE	ITEM #	MAX BUOYANCY
1.5' x 6' x 24"	EF-24-1872	950
2' x 4' x 24"	EF-24-2448	790
3' x 4' x 24"	EF-24-3648	1260
3' x 6' x 24"	EF-24-3672	1850
3' x 8' x 24"	EF-24-3696	2540
3' x 10' x 24"	EF-24-36120	3350
4' x 4' x 24"	EF-24-4848	1680
4' x 5' x 24"	EF-24-4860	2100
4' x 6' x 24"	EF-24-4872	2560
4' x 8' x 24"	EF-24-4896	3450
4' x 10' x 24"	EF-24-48120	4560

28" EAGLE FLOATS		
SIZE	ITEM #	MAX BUOYANCY
2' x 8' x 28"	EF-28-2496	1930
3' x 3' x 28"	EF-28-3636	1030
3' x 4' x 28"	EF-28-3648	1450
3' x 6' x 28"	EF-28-3672	2150
3' x 8' x 28"	EF-28-3696	2880
4' x 4' x 28"	EF-28-4848	1800
4' x 6' x 28"	EF-28-4872	3030
4' x 8' x 28"	EF-28-4896	4060

32" EAGLE FLOATS		
SIZE	ITEM #	MAX BUOYANCY
3' x 4' x 32"	EF-32-3648	1610
3' x 6' x 32"	EF-32-3672	2430
3' x 8' x 32"	EF-32-3696	3250
3' x 10' x 32"	EF-32-36120	4398
4' x 4' x 32"	EF-32-4848	2190
4' x 6' x 32"	EF-32-4872	3400
4' x 8' x 32"	EF-32-4896	4440
4' x 10' x 32"	EF-32-48120	5785

36" EAGLE FLOATS		
SIZE	ITEM #	MAX BUOYANCY
2' x 4' x 36"	EF-36-2448	1150
3' x 8' x 36"	EF-36-3696	3730
4' x 4' x 36"	EF-36-4848	2450
4' x 6' x 36"	EF-36-4872	3880
4' x 8' x 36"	EF-36-4896	5130

SPECIALTY FLOATS		
SIZE	ITEM #	MAX BUOYANCY
23" x 24"	EF-EF2324	330
16" x 48" x 16" Channel	call for inquiries	230
24" x 48" x 18" Channel	call for inquiries	420

Material Specifications

All Eagle Floats[®] outer shells are manufactured to the following standards from 100% Virgin prime grade polyethylene, filled with molded in place 100% Virgin 1pcf Expanded Polystyrene.

PROPERTIES	ASTM ⁽¹⁾	TYPICAL VALUES ⁽²⁾
Melt Index ⁽³⁾	D-1238	3.5 g/10min.
Density	D-792	0.941 g/cm ³
Bent Strip ESCR ⁽⁴⁾	D-1693	>1,000 h
Flexural Modulus ⁽⁵⁾	D-790	827 Mpa (119,950 psi)
Tensile Yield Strength ⁽⁶⁾	D-638	20.2 Mpa (2,930 psi)
Tensile Yield Elongation ⁽⁶⁾	D-638	12%
Tensile Ultimate Strength	D-638	29.3 Mpa (4,250 psi)
Tensile Ultimate Elongation ⁽⁶⁾	D-638	895%
Melting Point	E-794	125°C (257°F)
Heat Distortion Temp		
66 psi (4.64kg/cm ²)	D-648	60°C (140°F)
264 psi (18.56kg/cm ²)	D-648	43°C (109°F)
Vicant Melting Point	D1525	123°C (253°F)
Hardness, Shore D	D2240	61
ARM Low Temp Impact ⁽⁷⁾	ARM Method	230 J (170 ft-lb)
0.250" (6.35 mm)		
ARM Low Temp Impact ⁽⁷⁾	ARM Method	95 J (70 ft-lb)
0.125" (3.17 mm)		

(1) Properties designated have been determined using methods which are in accordance with or substantially in accordance with specified testing standards.

(2) Typical values represent average laboratory values as guides only, not as specifications

(3) Condition 190°C/2.16 kg

(4) Condition, 100% Igepal

(5) 1% Strain Value

(6) TypeIV specimen, 2" (50.8mm) per minute test speed, 0.075" (1.9 mm) thickness

(7) -40°C