

PRODUCT SPECIFICATION – SADDLE SANDBAGS

Revision 06-2026

1000D CORDURA® NYLON

Property	Specification	Test Method
Material	1000D Cordura® Nylon	
Fabric Weight	9.5 oz/yd ² (322 g/m ²)	ASTM D3776 / D3776M
Finish	Durable Water Repellent (DWR)	
Coating	3/4 oz Urethane	
Weave	Plain	
Fiber Content	100% Nylon 6,6	AATCC 20 / AATCC 20A
Yarn Size	1000D Warp / 1000D Fill	ASTM D1907
Yarn Count	24 × 23 per inch	ASTM D3775
Grab Tensile	420 lb × 370 lb	ASTM D5034
Tear Strength	30 lb × 25 lb	ASTM D2261
Abrasion Resistance	Excellent >3,000 cycles	ASTM D3884
Colorfastness to UV	Fair (Grade 2-3)	AATCC TM16.3
Water Flow Rate	<.1 CFM (Water Resistant)	ASTM D737
Flame Retardant	No	ASTM D6413

Note: Typical values for 1000D Cordura® nylon fabric construction. Values may vary by production lot.

CONSTRUCTION DETAILS

Property	Specification	Test Method
Thread Material	#92 Bonded Polyester	ASTM D204
Thread Tensile Strength	15 lb Minimum	ASTM D2256
Thread UV Resistance	Excellent	ASTM G154
Thread Colorfastness	Grade 4-5	AATCC TM16.3
Closure System	Double Lock Stitch	
Closure Crosswise Strength	> 150 lb	ASTM D2061
Country of Origin	USA	Berry Compliant

Polypropylene Webbing

Property	Specification	Test Method
Material	100% Polypropylene	Manufacturer Specification
Width	1.5 in. ± 1/32 in.	Manufacturer Specification
Tensile Strength	1,200 lb ± 5%	Manufacturer Specification
Weight	0.944 oz/yd / 26.72 g/yd avg.	Manufacturer Specification
Thickness	0.063 in. avg.	Manufacturer Specification

Polypropylene Webbing

Property	Specification	Test Method
Colorfastness — Wet/Dry Crock	Grade 4–5	AATCC 8
UV Resistance	200 hr	AATCC 186 / ASTM D1148
Stitching	Lockstitch	Manufacturer Specification
Compliance	CA Prop 65 Required	Manufacturer Specification

Chip Rock (#7 Coarse Aggregate)

Physical & Material Properties

Property	Specification	Test Method
Material	Crushed Stone Aggregate	ASTM C33
Classification	#7 Coarse Aggregate	ASTM C33
Color	Natural Gray / Tan	—
Density (Unit Weight)	101.8 lb/ft ³	ASTM C29
Material Hardness	Quartz Based (Mohs ~7)	Mineral Hardness Scale
Bulk Specific Gravity (SSD)	2.781	ASTM C127
Bulk Specific Gravity (Dry)	2.768	ASTM C127
Apparant Specific Gravity	2.805	ASTM C127
Absorption	0.50%	ASTM C127
Voids in Aggregate	41.00%	ASTM C29

Aggregate Quality Characteristics

Property	Specification	Test Method
Fractured Faces (1 Face)	100%	ASTM D5821
Fractured Faces (2 Faces)	100%	ASTM D5821
Flat & Elongated Particles (3:1)	0.00%	ASTM D4791
Flat & Elongated Particles (5:1)	0.00%	ASTM D4791
LA Abrasion Loss (500 Rev)	21%	ASTM C131
Sodium Soundness Loss	0%	ASTM C88
Clay Lumps & Friable Particles	0.00%	ASTM C142
Lightweight Particles	0.00%	ASTM C123
Cleanliness Value (CV)	94	Nevada Test 228

Chip Rock (#7 Coarse Aggregate)

Sieve Analysis

Sieve Size	Percent Passing
1"	100%
3/4"	100%
1/2"	98%
3/8"	61%
#4	2%
#8	1%
#16	1%
#30	1%
#50	1%
#100	1%
#200	0.50%

Functional Characteristics

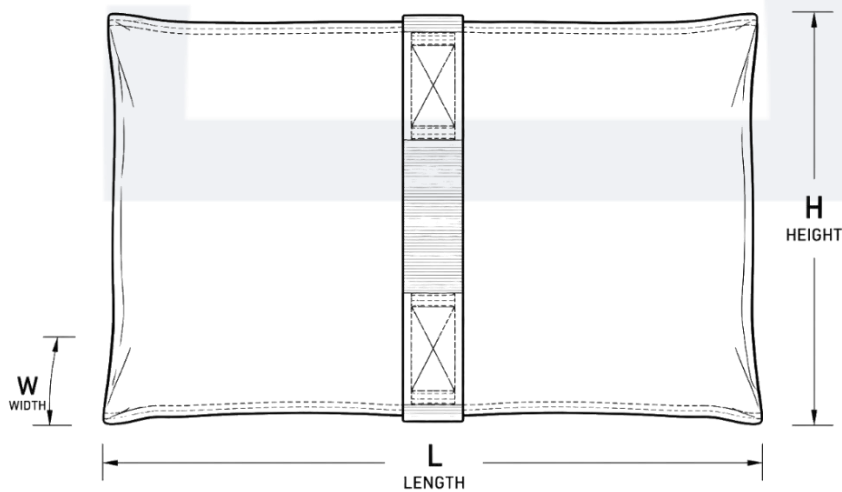
Property	Specification
Fill Material	#7 Crushed Chip Rock
Source	Sloan, Nevada, USA
Weed-Free Status	NAISMA Certified Weed-Free Source Material
Particle Shape	Angular Crushed Aggregate
Compaction Characteristics	Moderate
Drainage Characteristics	Excellent
Dust Content	Very Low
Freeze-Thaw Durability	Excellent
Non-Hazardous	Yes
Recyclable	Yes
Combustibility	Non-Combustible
Water Solubility	Insoluble
UV Stability	Permanent Mineral Material
Shelf Life	Unlimited When Dry

Steel Shot (Option)

Property	Specification	Test Method
Material	Low Carbon Cast Steel Shot	Manufacturer Specification
Composition	>96% Iron (Fe)	SDS Chemical Analysis
Shape	Near Spherical	Visual Inspection
Color	Light Gray / Silver	Visual Inspection
Specific Gravity	7.4 - 7.8	ASTM E12
Bulk Density	280 - 300 lb/ft ³	ASTM B527
Moisture Absorption	None	Material Characteristic
Water Solubility	Insoluble	Material Characteristic
Combustibility	Non-Combustible	SDS
Magnetic	Yes	Material Characteristic
Non-Hazardous	Yes	SDS

PRODUCT DIMENSIONS (L x H x W in)

Weight	Sand Filled	Steel Shot Filled
5 lb	12 x 9 x 3	9 x 6 x 3
10 lb	15 x 11 x 3	12 x 9 x 3
15 lb	18 x 12 x 3	13 x 10 x 3
20 lb	17 x 13 x 3	15 x 11 x 3
25 lb	19 x 13 x 3	15 x 11 x 3
30 lb	20 x 15 x 3	18 x 12 x 3
35 lb	23 x 16 x 3	18 x 12 x 3
50 lb	-	19 x 13 x 3



SADDLE SANDBAG

TOP VIEW (FLAT)