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RGES
RUNNING GEAR ENTANGLEMENT SYSTEM

S100
RGES Static & Towable Barrier 100'

Kit 495 - RGES S100 Static Barrier



United Kingdom Royal Navy Installation - Portsmouth Harbor - RGES S100 Static Barrier with Light-Weight Mooring Kits



Carry Bag



Stainless Thimble



6" Torpedo Float



Stainless Bow Shackle

Pelican Storage Case (optional)



Description:

The RGES S100 is a static barrier entanglement system comprised of 100ft/30m sections interlocked end-to-end to establish a perimeter of any length, creating a sterile area.

This system provides a clear line of demarcation and acts as a first line of defense to protect assets. The static barrier system may be easily and quickly installed from a RHIB by lightly trained staff.

Typical installations include mooring kits at 90m-120m intervals outfitted with radar reflectors and solar powered hazard lights.

Contents:

1 Part #860 RGES S100 (100ft/30m)
1 Part #86005 S100 Bow Shackle
1 Part #86003 RGES S100 Storage Bag

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Technical Specifications:

RGES S100 Payload:
Length: 100ft / 30m
Weight - 76 lbs / 35 kgs

S100 Torpedo Float:
Diameter - 6" / 15.2 cm
Spacing - 48" / 1.2 m on center
Buoyancy - 4.0 lbs / 1.8 kg

S100 Hardware:
Thimble - 9/16" 316 Stainless Steel
(Eyes on each end of section)
Shackle - 7/8" 316 Stainless Steel
(Connect each module)

S100 Storage Bag:
Body Material - PVC Coated 600-Denier Polyester
Base Material - PVC Coated Mesh
Color - Olive Drab
Straps - Shoulder, Sternum, Waist, & 2-man Carry
Weight - 3.8 lbs / 1.7 kgs
Size - 42" x 58" / 1.1 x 1.5 m

Specifications: (Certified by DNV and ABS)

Top Chord:
Diameter - 7/8" / 22mm Minimum
Tensile Strength - 92,600 lbs / 42,090 kg
Weight per 100 ft - 19.6 lbs / 29.2 kg per 100m

Bottom Chord:
Diameter - 7/16" / 12mm
Min. Tensile Strength - 21,000 lbs / 9,545 kg
Weight per 100 ft - 4.2 lbs / 6.3 kg per 100m

Fiber:
Specific Gravity of Material - 0.98
Coefficient of Friction - 0.09 - 0.12
Elongation at Break - 4% - 5%
Wet / Dry Abrasion - Superior
Fiber Water Absorption - 0%

S100 Storage Case (Optional):
Exterior Dimensions (L x W x H) -
26.50" x 26.50" x 25.25"
67.3 x 67.3 x 64.1 cm
Weight - 31.97 lbs / 14.5 kg