

Polyester Black Stage Slings



RigPro polyester black stage sling is made according to ISO4878 DIN EN 1492-2, meets CE & GS safety regulation. It is an endless synthetic sling made from a skein of polyester core yarn covered by an independent, woven tubular jacket. These lightweight round slings are ideal for easy and inconspicuous suspension of stage sound and lighting equipment. Black sleeve material helps sling blend into its surroundings.

Features






- Lightweight reduces fatigue and strain on riggers
- Capacity stripes; each stripe is equal to 1 ton capacity
- Synthetic materials leaves hands free from cut injury.
- Consistent matched lengths for better multiples sling load control
- No loss of strength from abrasion to cover
- Conforms to shape of load to grip securely
- Soft cover keeps load surface from scratch.
- Low stretch (about 3% at rated capacity)
- Conforms to shape of load for less load damage
- Lightweight and pliable for easy rigging and storage
- Independent core yarns choke tightly, but release easily after use
- Sling lifespan can be extended by rotating bearing points.
- Each stage sling comes with an identification tag and serial number for traceability
- Easy to carry and transportation
- Working temperature: -40 C to +100 C
- Each stage sling is packed in plastic bag with CE declaration of conformity or test certificate.
- Safety factor: 7:1
- CE certified

Product Code	Description	WLL Capacity
RS-005	5 chained round sling 0.5M length	2,000kgs
RS-102	Black stage sling 1M length	2,000kgs
RS-202	Black stage sling 2M length	2,000kgs
RS-302	Black stage sling 3M length	2,000kgs
RS-402	Black stage sling 4M length	2,000kgs
RS-502	Black stage sling 5M length	2,000kgs

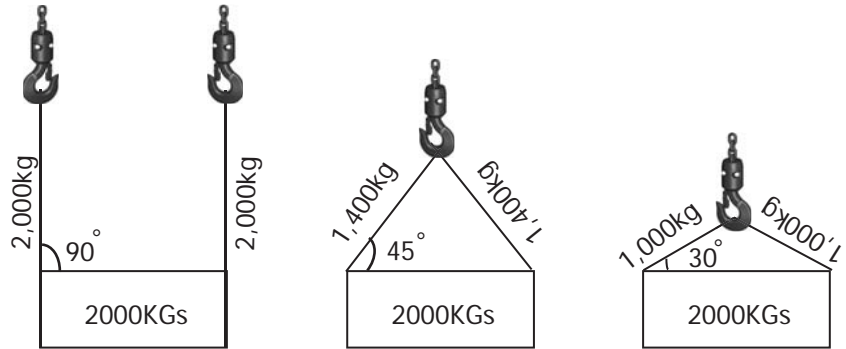
Sling Angle

When slings are used in a basket hitch and suspended from one hook, sling angles will directly affect the rated capacity of any slings. Sling capacity decrease as the angle from horizontal decrease.

Working Load Required - Subject to heaviest loads, lifting conditions, and angles.

						
Cap	Black / Color	Vertical	Choke	Basket	Basket	Basket
2t	Black	M : 1.0	M : 0.8	M : 2.0	M : 1.4	M : 1.0
		2000kg	1600kg	4000kg	2800kg	2000kg

Sling Angle in Degrees	Factor
15	0.259
20	0.342
25	0.423
30	0.500
35	0.574
40	0.643
45	0.707
50	0.766
55	0.819
60	0.866
65	0.906
70	0.940
75	0.966
80	0.985
85	0.996
90	1.000



Example:

The sling angle in 30 degree.

$2,000\text{kg} \times 0.5000 = 1,000\text{kg}$ (one side of the sling load 1,000kg)

$1,000\text{kg} + 1,000\text{kg} = 2,000\text{kg}$

WARNING

Never exceed working load limit of the sling. Sling capacity decrease as the angle from horizontal decreases. Sling should not be used at angle of less than 30.

Working Length Required - As defined by arrows meaning circumference of complete sling when laid flat, so called "pull to pull" length.

