

EQUIPMENT CARE

Never push the equipment beyond its design limits. Contact your local HSS Hire for advice.

Keep the equipment clean, you will find this less of a chore if you clean it regularly, rather than wait until the end of the hire period. **DO NOT clean the Sling with solvents,** us only warm soapy water.

When not in use, **store the equipment somewhere clean, dry and safe** from thieves and unauthorised users.

FINISHING OFF

Lower any raised load onto suitable blocks and detach the sling from the lifting hook and the load.

Give the sling a final clean before neatly rolling it up, ready for return to your local HSS Hire.



... have you been trained

The law requires that personnel using work equipment have received adequate training and must be competent when using the equipment within the workplace.

Training is available at HSS Training Solutions
0845 766 7799

...any comments?

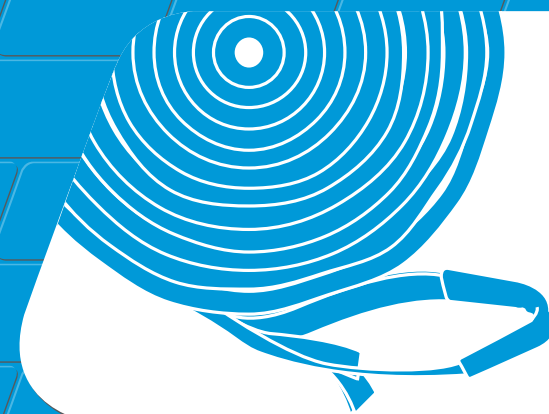
If you have any suggestions to enable us to improve the information within this guide please e-mail your comments or write to the Safety Guide Manager at the address below
e-mail: safety@hss.com

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Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS
Web Site: <http://www.hss.com>

LS52/02

Operating & Safety Guide LS52

HSS Hire



Polyester Slings

A wide selection of flat and round webbed slings suitable for a variety of lifting situations, particularly suited to lifting items which could become damaged if lifted using chain slings.



Code 69512 through to 69685

GENERAL SAFETY

For advice on the safety and suitability of this equipment contact your local HSS Hire.

There is a serious risk of personal injury if you do not follow all instructions laid down in this guide.

This equipment is designed to be used by an able bodied, competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability should seek expert advice before using it.

Keep children, animals and bystanders away from the work area. Cordon off a NO GO area using cones and either barriers or tape, available for hire from your local HSS Hire.



Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.



Wear practical, protective clothing, gloves, footwear and a protective hard hat. Avoid loose garments and jewellery that could catch in moving parts, tie back long hair.



This equipment may be used at any angle for lifting or pulling. Anchor to a safe secure point able to take the load force applied.



Ensure the load is balanced, stable and that personnel stand clear of the raised load. Attach 'tag' lines to control rotation.

Prevent hook overcrowding, using a 'Bow' shackle. Join lifting equipment with a 'D' shackle. Protect sharp edges to prevent load and sling damage.

Safety Warning

This equipment **MUST NOT** be used to carry or lift personnel.

Make sure you know how to operate this equipment safely and are aware of its limitations before you use it.

It is both the hirer's and the operator's responsibility to perform a risk assessment before using this equipment. You are also responsible for the safety of any person in the work area.

Make sure that anyone in the immediate work area is warned of what you are doing.

Be aware of the raised load when close to ceilings or other overhead obstructions.

Never exceed the equipment's safe working load, see the tag sewn into the sling. If no tag can be found, reject the sling and contact your local HSS Hire for advice.

Tag

Working Load Limit 1 tonne
Identification Number 337245
Safety Factor / Material 7:1 Polyester
Standard BS EN 1492-2

Never leave the equipment loaded and unattended.

Make sure the landing area is unobstructed and able to accept the load in size and weight.

DO NOT shock load the slings. If shock loading occurs, stop and contact your local HSS Hire for advice.

Check the condition of the equipment before use. If it shows signs of damage or excessive wear, return it to your local HSS Hire.

GETTING STARTED

Safe Working Loads

	W.L.L. Straight Lift 100%	S.W.L. Choked 80%	S.W.L. Basket lift 200%	S.W.L. Basket 90° Lift 140%
Colour				
Violet	1000kg	800kg	2000kg	1400kg
Green	2000kg	1600kg	4000kg	2800kg
Yellow	3000kg	2400kg	6000kg	4200kg
Grey	4000kg	3200kg	8000kg	5600kg
Brown	6000kg	4800kg	12000kg	8400kg
Blue	8000kg	6400kg	16000kg	11200kg
Orange	10000kg	8000kg	20000kg	14500kg

Make sure the sling you have hired is of the correct length and SWL.

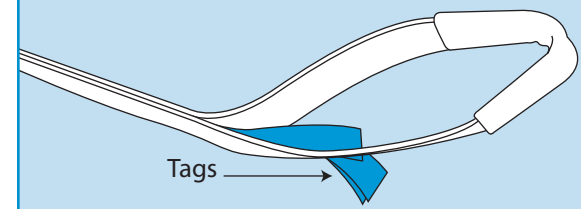
Check and confirm that the suspension point is tested and certified to the equivalent (or preferably a greater) SWL of the Sling/s and item being lifted.

Visually inspect the Polyester Sling/s, before each use, paying special attention to the condition of the fibres and loops.

Slings should be clean and free from moisture and grease. If the Sling is frayed, torn or appears distorted **DO NOT USE IT**, return it to your local HSS Hire.

Do not tie knots in slings or use with a twist. And never drag a sling along the ground.

Sling



When using slings in pairs or multiples, make sure they are matched in type, length and SWL.

All slings are rated for straight lifting, however, they may be used up to a **MAXIMUM** of 90 degrees. The Safe Working Load chart will explain how the SWL will alter depending on how the sling is used.

The SWL is increased when the 'basket' method is used, but decreases if using the choked method.

The weight of the load should be as evenly balanced as possible, but where more than one sling is used, a particular sling may carry more proportionate weight and therefore the sling selection must be carefully evaluated.

When using a sling in a 'basket' style, a gripping force occurs as the load is lifted. The magnitude of the force must be taken into account, depending on the load.

Also, the sling **MUST** be protected from sharp edges to prevent the sling becoming torn or cut.

BASIC TECHNIQUES

Where the item to be raised has a dedicated lifting eye this should be used.

Before lifting ensure the load is free and not restrained by any fixing.

Determine the loads weight and centre of gravity as accurately as possible.

Attach the Polyester Sling to the load and attach to the lifting hook ensuring the hook is not over crowded and that the hooks gate closes correctly. Keep the main stitch joints clear of the lifting hook.

Lift the load a nominal distance to check balance and security of the load.

Bear in mind that the sling/s will elongate when under load.

Use tag lines to control long or bulky loads.

Once raised lower as soon as possible. **DO NOT** leave the load suspended or unattended for any reason.