



LIFTINGSAFETY

SELBY ENGINEERING AND LIFTING SAFETY LTD - LIFTING STANDARDS IN SAFETY

Tel: +44 (0) 1977 684 600 Email: sales@liftingsafety.co.uk

LIFTING EQUIPMENT AND HEIGHT SAFETY SPECIALISTS



Polyester Flat Web Lifting Slings (Belt Slings) - 1 tonne to 30 tonnes

Top quality UK manufactured duplex polyester flat webbing slings with reinforced eyes (fibre flat web sling) conforming to BS EN 1492-1 for industrial use.

Model: FWLS-2600

Manufacturing Standard: BS EN 1492-1



A **flat web sling** is also often referred to as a variety of names such as **lifting strap/strop**, **belt sling**, **polyester lifting sling**, **flat sling**, **flat web lifting sling** and a **belt webbing sling**, woven slings, webbing slings to mention just a few. Sometime wrongly referred to as nylon lifting slings. Soft slings like this are either made as Duplex / Simplex flat web sling or as endless round slings, both are made from the same core materials.

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About Polyester Slings for Lifting

Polyester is a synthetic (manmade) material that is extremely light weight and when made into lifting slings makes a very cost-effective lifting sling. The material is soft to touch (hence soft slings) and therefore is less likely to cause damage to the goods when they are lifted and will not cause the type of injuries to the user associated with wire rope sling, for example cuts caused by broken wires, manual handling or impact injuries. Synthetic polyester (fibre material) slings are much lighter weight than both wire rope or chain slings and therefore this type of lifting sling is much easier to handle.

Polyester slings are much cheaper than alternative slings made from other materials and usually are lighter, more flexible and have a greater factor of safety, though they do have less abrasive resistance. This can be overcome by using a wear sleeve made from either polyester or from polyurethane. The polyurethane can either be wrapped round the sling or bonded onto the surface of the sling, some people refer to this as Secutex. Further protection can be offered by using steel end fittings (Joker hooks or Grade 80 master rings and hooks) or the use of corner protectors, speak to a member of our sales team about this, we will be more than pleased to assist.

We prefer to sell quality UK manufactured polyester lifting slings as in our opinion they are better quality and from a manufacturing source that we can turn to for a complete quality file and technical service. We carry stocks of 1 tonne, 2 tonne, 3 tonne, 4 tonne, 5 tonne etc... in many stock lengths though can make bespoke polyester lifting slings to our customers specific requirements in very short lead time up to 100 tonne SWL.

£££ Worth noting....





The lifting sling market is saturated and we are aware that there are other slings available to buy cheaper, but beware these can be lesser quality. Our slings are top quality, UK manufactured and suitable for industrial purposes where quality and safety is paramount.

Tests have been carried out on 'cheaper' slings and have failed / ripped at a lower loading than the 7:1 factor of safety that the slings MUST be manufactured to (in line with the British Standard 'BS EN 1492-1').

As with most things in life, you get what you pay for, just something to bear in mind when trying to save a few £££.



Sling Capacities and Colour Codes

Duplex Flat Webbing Slings. Colour Code.	Webbing Width	Approx. Weight (kg) 1m Weight // Weight per additional m in length				
			Straight x WLL (kg)	Choked x 0.8 WLL (kg)	Vertical Basket x 2 WLL (kg)	Inclined basket x 1.4 WLL (kg)
Violet (purple)	30mm	0.3 // 0.2	1000	800	2000	1400
Green	60mm	0.5 // 0.4	2000	1600	4000	2800
Yellow	90mm	0.8 // 0.6	3000	2400	6000	4200
Grey	120mm	1.0 // 0.8	4000	3200	8000	5600
Red	150mm	2.2 // 1.0	5000	4000	10000	7000
Brown	180mm	2.7 // 1.2	6000	4800	12000	8400
Blue	240mm	3.5 // 1.6	8000	6400	16000	11200
Orange	300mm	4.4 // 2.0	10000	8000	20000	14000
Orange	300mm	-	12000	6900	24000	16800
Orange	480mm	-	15000	12000	30000	21000
Orange	600mm	-	20000	16000	40000	28000
Orange	500mm*	-	30000	24000	60000	42000