LIFTING EYE TYPE



TYPE EF: FLAT EYE



TYPE REF: REVERSE EYE



TYPE ES:
Folded eye ½ width from 1 side



TYPE OES:
Opposed folded eye ½ width from 1 side



TYPE ED:
Folded eye ½ width from 2 side



TYPE OED:
Opposed folded eye ½ width from 2 side

Physical information chart

Material	Polyester
Elongation at breaking force	ca.12%
Elongation at WLL	ca.3%
Elongation-resistance in wet condition	100%
Compared wear-resistance	80
Specific weight	1.38

Chemical resistance information chart

Material	Acids	alkalis	Ethers	aldehydes	alcohols	oils	organic solvents	water and seawater
Polyester	ok	no	no	no	ok	ok	ok	ok

Disintegrated by concentrated sulfuric acid.
Higher chemical concentrations and/or higher temperatures will lower the resistance of the sling.

POLYESTER ENDLESS WEBBING SLING

- It is finished by the weaving machine with different sewing methods.
- Material: 100% high tensile polyester (PES)
- Single ply or double ply.
- The working load can be distinguished easily by the colour and the width.
- It is colour coded according to DIN-EN1492-1 , also it has capacity stripes on the sling(each stripe is equal to 1 ton capacity).
- It can offer wide and smooth load surface to the lifted object.
- It has high protection against the abrasion and damage. To avoid being damaged by the sharp objects, it can also be used together with proper protective sleeve.
- Safety factor :4:1,5:1, 6:1,7:1,8:1 is available.
- Temperature: -40℃ to 100℃
- Manufactured according to EC directive 98/37/EC.





Color Coded According to EN1492-2	Working Load Limit with 1 Sling							Working Load Limit with 2 Slings			
	Straight Lift	Choked Lift	Lift in Different Angle					Straight lift up to	Choked lift up to	Straight Lift	Choked Lift
			0-7°	7-45°	45-60°	up to 45°	45-60°				
Single Ply.	1.0	0.8	2.0	1.4	1.0	0.7	0.5	1.4	1.12	1.0	0.8
WLL1T	1000	800	2000	1400	1000	700	500	1400	1120	1000	800
WLL2T	2000	1600	4000	2800	2000	1400	1000	2800	2240	2000	1600
WLL3T	3000	2400	6000	4200	3000	2100	1500	4200	3360	3000	2400
WLL4T	4000	3200	8000	5600	4000	2800	2000	5600	4480	4000	3200
WLL5T	5000	4000	10000	7000	5000	3500	2500	7000	5600	5000	4000
WLL6T	6000	4800	12000	8400	6000	4200	3000	8400	6720	6000	4800
WLL8T	8000	6400	16000	11200	8000	5600	4000	11200	8960	8000	6400
WLL10T	10000	8000	20000	14000	10000	7000	5000	14000	11200	10000	8000
WLL12T	12000	9600	24000	16800	12000	8400	6000	16800	13440	12000	9600
Double Ply											
WLL2T	2000	1600	4000	2800	2000	1400	1000	2800	2240	2000	1600
WLL4T	4000	3200	8000	5600	4000	2800	2000	5600	4480	4000	3200
WLL6T	6000	4800	12000	8400	6000	4200	3000	8400	6720	6000	4800
WLL8T	8000	6400	16000	11200	8000	5600	4000	11200	8960	8000	6400
WLL10T	10000	8000	20000	14000	10000	7000	5000	14000	11200	10000	8000
WLL12T	12000	9600	24000	16800	12000	8400	6000	16800	13440	12000	9600