02.6

Flat slings with secutex®-coating

P2 web slings 72 - 73

SX web slings 74 - 75

S2 web slings 76 - 77

How only one flat sling is needed for constantly changing loads.

A steel trading company located in the Ruhr area handles more than 750,000 t of steel products every year. Every day, countless steel bars, coils, steel blanks and individual weights of up to 20 t are moved in the production halls. In addition to the safety of the staff and of the loads, the time factor and the wear of the lifting gear are of crucial importance for the company. The often sharp-edged steel parts have to be handled securely and quickly, which is why the flat slings should be flexible to use and also extremely resistant to wear. For this reason, flat slings with a permanent secutex coating are used by the steel trading company, as this guarantees easy and safe use in addition to a long service life. This means that no time gets lost in lifting procedures with constantly changing loads, while no compromise in safety is made.

Coated flat slings come in different standard versions, e. g. with a secutex (S2) or Powerflex coating (P2), or with a combination of the two materials (SX). The secutex-coating penetrates deep into the fabric of the flat sling, creating a bond which cannot be separated. The textile fabric is thus protected from ingress of foreign matter. Available in various degrees of hardness, the damping torque of the coating can be optimally adapted to the lifting procedure and the characteristics of the respective load. The secutex-coating can also be optionally reinforced with steel plates especially for use with razor-sharp edges. „Powerflex“ is a particularly thin spray coating that penetrates deep into the fabric, thus sealing it. Foreign matter and liquids can no longer penetrate the fabric and can be easily removed from the surface of the strap. The two-sided Powerflex-coating (P2) is used wherever fabric protection and extreme resistance to abrasion play a key role, but where the high level of flexibility of the flat sling has to be maintained. Because the flat sling is completely shielded, both sides can be used as contact sides.

An additional loop reinforcement also protects from abrasion, and versions with C- or D-links are also available. Our coated flat slings are thus well-equipped for any and every lifting procedure.

SpanSet – Certified Safety

P2-flat slings 1,0 - 10,0 t

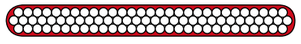
- Two-sided secutex-Powerflex coating
- Tear-resistant label covered with a protective sleeve
- Optional fitting with an RFID transponder
- Loop reinforcement to protect from abrasion

Powerflex P2 flat slings – flat sling with double protection

For rough working conditions
P2 flat slings made of hard-wearing material with loop reinforcement have an all-round secutex-Powerflex coating [1] and are thus particularly resistant to wear and abrasion – which considerably increases their service life. Powerflex is a thin spray coating. Thanks to the special manufacturing procedure, „Powerflex“ can penetrate deep into the fabric. Foreign matter and liquids can no longer penetrate the fabric and can be easily brushed off the surface of the sling.

Two-sided coating
The Powerflex P2 flat sling is completely enveloped and thus protected from abrasion all-round. Both sides of the flat sling can be used as the contact side. Dangerous mix-ups are thus a thing of the past, and the two-sided coating also prolongs the service life.

1 Powerflex-coating



Nominal carrying capacity [kg]	Loop width [mm]	Loop length [mm]	L1 min. [m]	Strap width [mm]	Strap thickness [mm]	Approx. weight 1st m [kg]	Approx. weight per running m [kg]	Order numbers for standard lengths 2 m	3 m	4 m	5 m	6 m	8 m
1.000	30	300	1,0	30	9,1	0,4	0,3	**S000002**	**S000003**	**S000004**	**S000005**	**S000006**	**S000007**
2.000	35	300	1,0	60	9,5	1,0	0,6	**S000008**	**S000009**	**S000010**	**S000001**	**S000011**	**S000012**
3.000	50	400	1,3	90	9,9	1,3	0,8	**S000013**	**S000014**	**S000015**	**S000016**	**S000017**	**S000018**
4.000	65	400	1,3	120	10,9	1,8	1,1	**S000019**	**S000020**	**S000021**	**S000022**	**S000023**	**S000024**
5.000	80	500	1,5	150	10,9	2,4	1,4	**S000025**	**S000026**	**S000027**	**S000028**	**S000029**	**S000030**
6.000	70	700	1,9	180	11,1	3,0	1,7	**S000031**	**S000032**	**S000033**	**S000034**	**S000035**	**S000036**
8.000	90	800	2,2	240	11,1	4,3	2,3	-	**S000037**	**S000038**	**S000039**	**S000040**	**S000041**
10.000	160	1.000	2,6	300	11,5	7,2	2,8	-	**S000042**	**S000043**	**S000044**	**S000045**	**S000046**

Special designs available on request. Manufactured according to DIN EN 1492-2.

The explanations of the icons can be found on the flap.

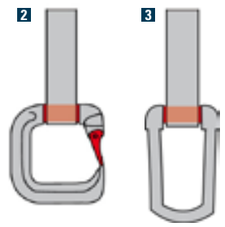
P2-flat slings 1,0-10,0 t with C-link or D-links

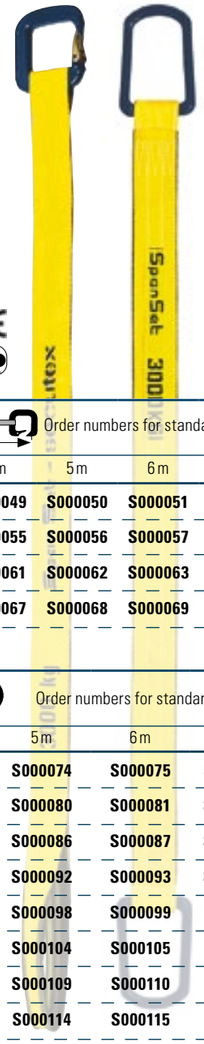
- Two-sided secutex-Powerflex coating
- Optional fitting with an RFID transponder
- Loop reinforcement to protect from abrasion

Powerflex P2 flat slings with a C-link or two D-links

Versions with a C- or D-link are available for lifting in a noose. The C-link can be quickly hooked and unhooked. The safety catch [2] prevents the flat sling from slipping out unwanted and can be easily replaced in the event of damage. The robust D-links [3] are not only suitable for lifting procedures in a noose, but also fit into every crane hook. Both links have a guide channel which supports the entire width of the strap and allows for gliding with minimal wear.

2 C-link with safety catch and guide channel
3 D-link with guide channel





Nominal carrying capacity [kg]	Loop width [mm]	Loop length [mm]	L1 min. [m]	Strap width [mm]	Strap thickness [mm]	Approx. weight 1st m [kg]	Approx. weight per running m [kg]	Order numbers for standard lengths 2 m	3 m	4 m	5 m	6 m	8 m
1.000	30	300	1,0	30	9,1	0,9	0,3	**S000047**	**S000048**	**S000049**	**S000050**	**S000051**	**S000052**
2.000	35	300	1,0	60	9,5	2,5	0,6	**S000053**	**S000054**	**S000055**	**S000056**	**S000057**	**S000058**
3.000	50	400	1,0	90	9,9	4,3	0,8	**S000059**	**S000060**	**S000061**	**S000062**	**S000063**	**S000064**
5.000	80	500	1,5	150	10,9	10,2	1,4	**S000065**	**S000066**	**S000067**	**S000068**	**S000069**	**S000070**

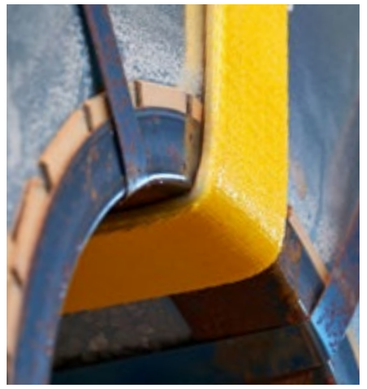
Nominal carrying capacity [kg]	L1 min. [m]	Strap width [mm]	Strap thickness [mm]	Approx. weight 1st m [kg]	Approx. weight per running m [kg]	Order numbers for standard lengths 2 m	3 m	4 m	5 m	6 m	8 m
1.000	1,0	30	9,1	1,0	0,3	**S000071**	**S000072**	**S000073**	**S000074**	**S000075**	**S000076**
2.000	1,0	60	9,5	2,0	0,6	**S000077**	**S000078**	**S000079**	**S000080**	**S000081**	**S000082**
3.000	1,0	90	9,9	3,7	0,8	**S000083**	**S000084**	**S000085**	**S000086**	**S000087**	**S000088**
4.000	1,2	120	10,9	5,4	1,1	**S000089**	**S000090**	**S000091**	**S000092**	**S000093**	**S000094**
5.000	1,5	150	10,9	8,7	1,4	**S000095**	**S000096**	**S000097**	**S000098**	**S000099**	**S000100**
6.000	1,8	180	11,1	14,8	1,7	**S000101**	**S000102**	**S000103**	**S000104**	**S000105**	**S000106**
8.000	2,2	240	11,1	22,8	2,3	-	**S000107**	**S000108**	**S000109**	**S000110**	**S000111**
10.000	2,4	300	11,1	34,0	2,8	-	**S000112**	**S000113**	**S000114**	**S000115**	**S000116**

Special designs available on request. Manufactured according to DIN EN 1492-2..

The explanations of the icons can be found on the flap.

SX-flat slings 1,0 - 10,0 t

- Cut-resistant contact side due to secutex, abrasion-resistant reverse side due to Powerflex
- Tear-resistant label covered with a protective sleeve
- Optional fitting with an RFID transponder
- Loop reinforcement to protect from abrasion



02.6 COATED FLAT SLINGS

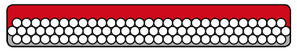
SX-flat slings 1,0 - 10,0 t
with C-link or D-links

- Cut-resistant contact side due to secutex, abrasion-resistant reverse side due to Powerflex
- Tear-resistant label covered with a protective sleeve
- Optional fitting with an RFID transponder

SX flat slings – flat lifting sling with high cut protection

Cut-resistant in front, abrasion-resistant on back
The contact side of the SX flat sling is secutex-coated and thus extremely cut-resistant. The reverse is coated with Powerflex [1]. Powerflex prevents abrasion and additionally protects the fabric from dirt and ingress of foreign matter. In the standard version, the SX flat slings end in loops with robust reinforced fabric. The super-flat design and the flexibility in the longitudinal direction make it easy to insert the SX flat sling into small gaps.

1 secutex-coating (Powerflex on reverse)



Nominal carrying capacity [kg]	Loop width [mm]	Loop length [mm]	L1 min. [m]	Strap width [mm]	Strap thickness [mm]	Approx. weight 1st m [kg]	Approx. weight per running m [kg]	Order numbers for standard lengths 2 m	3 m	4 m	5 m	6 m	8 m
1.000	30	300	1,0	30	13,1	0,5	0,4	**S000405**	**S000406**	**S000407**	**S000408**	**S000409**	**S000410**
2.000	35	300	1,0	60	13,5	1,2	0,8	**S000411**	**S000412**	**S000403**	**S000413**	**S000414**	**S000415**
3.000	50	400	1,3	90	13,9	1,6	1,3	**S000416**	**S000417**	**S000418**	**S000419**	**S000436**	**S000437**
4.000	65	400	1,3	120	14,9	2,2	1,8	**S000438**	**S000439**	**S000440**	**S000441**	**S000442**	**S000443**
5.000	80	500	1,5	150	14,9	2,8	2,2	**S000444**	**S000445**	**S000446**	**S000447**	**S000448**	**S000449**
6.000	70	700	1,9	180	15,1	3,3	2,7	**S000430**	**S000431**	**S000432**	**S000433**	**S000434**	**S000435**
8.000	90	800	2,2	240	15,1	4,2	3,8	-	**S000425**	**S000426**	**S000427**	**S000428**	**S000429**
10.000	160	1.000	2,6	300	15,5	6,8	4,8	-	**S000420**	**S000421**	**S000422**	**S000423**	**S000424**

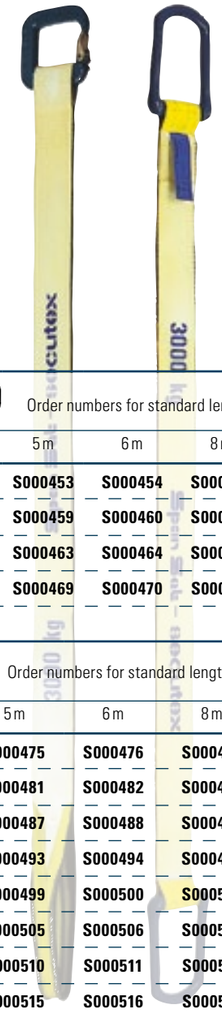
Special designs available on request. Manufactured according to DIN EN 1492-2.

The explanations of the icons can be found on the flap.

SX flat slings with a C-link or two D-links

Rapid noosing with C-link
With the C-link attached to one end you can also use the SX flat sling for lifting in a noose. Inside the hook, the strap has an extensive contact area and the built-in safety catch prevents the strap from slipping out of the attachment point. If the safety catch is damaged, it can easily be replaced at the C-link.

More possibilities with D-links
With D-links attached to both ends, you have considerably more flexibility. Simply thread one end of the strap through the opposite link – this ensures a lacing in which nothing can slip. Furthermore, the D-link makes it easier to hang the sling into spreader beams or crane hooks when applied in a single layer, as the links do not require a large contact area.



Nominal carrying capacity [kg]	Loop width [mm]	Loop length [mm]	L1 min. [m]	Strap width [mm]	Strap thickness [mm]	Approx. weight 1st m [kg]	Approx. weight per running m [kg]	Order numbers for standard lengths 2 m	3 m	4 m	5 m	6 m	8 m
1.000	30	300	1,0	30	13,1	1,0	0,4	**S000450**	**S000451**	**S000452**	**S000453**	**S000454**	**S000455**
2.000	35	300	1,0	60	13,5	2,7	0,8	**S000456**	**S000457**	**S000458**	**S000459**	**S000460**	**S000461**
3.000	50	400	1,0	90	13,9	3,6	1,3	**S000401**	**S000402**	**S000462**	**S000463**	**S000464**	**S000465**
5.000	80	500	1,5	150	14,9	10,6	2,2	**S000466**	**S000467**	**S000468**	**S000469**	**S000470**	**S000471**

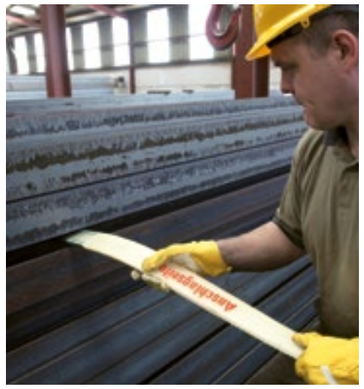
Nominal carrying capacity [kg]	L1 min. [m]	Strap width [mm]	Strap thickness [mm]	Approx. weight 1st m [kg]	Approx. weight per running m [kg]	Order numbers for standard lengths 2 m	3 m	4 m	5 m	6 m	8 m
1.000	1,0	30	13,1	1,1	0,4	**S000472**	**S000473**	**S000474**	**S000475**	**S000476**	**S000477**
2.000	1,0	60	13,5	2,2	0,8	**S000478**	**S000479**	**S000480**	**S000481**	**S000482**	**S000483**
3.000	1,0	90	13,9	4,0	1,3	**S000484**	**S000485**	**S000486**	**S000487**	**S000488**	**S000489**
4.000	1,2	120	14,9	5,6	1,8	**S000490**	**S000491**	**S000492**	**S000493**	**S000494**	**S000495**
5.000	1,5	150	14,9	9,1	2,2	**S000496**	**S000497**	**S000498**	**S000499**	**S000500**	**S000501**
6.000	1,8	180	15,1	15,1	2,7	**S000502**	**S000503**	**S000504**	**S000505**	**S000506**	**S000507**
8.000	2,2	240	15,1	23,0	3,8	-	**S000508**	**S000509**	**S000510**	**S000511**	**S000512**
10.000	2,4	300	15,5	34,1	4,8	-	**S000513**	**S000514**	**S000515**	**S000516**	**S000517**

Special designs available on request. Manufactured according to DIN EN 1492-2.

The explanations of the icons can be found on the flap.

S2-flat slings 1,0-10,0 t

- Two-sided secutex-coating
- Tear-resistant label covered with a protective sleeve
- Optional fitting with an RFID transponder
- Loop reinforcement to protect from abrasion

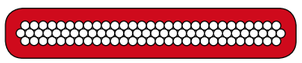


S2 flat slings – secutex-protected on both sides

Double protection – longer service life
Our S2 flat slings with two-sided secutex coating [1] are real workhorses. The coating penetrates deep into the fabric of the flat sling, creating an inseparable bond with unusually high structural strength. The advantage of the two-sided coating is that the flat sling can be placed against the load on both sides – application errors are thus excluded. The loops of the flat slings have a robust reinforced fabric, which withstands in particular the abrasion forces in the crane hook.

Optional: secutex-Tropic
As with all secutex-coated flat slings, the S2 slings can also be coated with secutex-Tropic on request. This is particularly useful in permanently moist conditions, e. g. in offshore operations. The hydrolysis-resistant coating prevents moisture and salt deposits from penetrating the textile fabric – two factors that can severely reduce the total load capacity of the flat sling.

1 Two-sided secutex-coating.



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1.000	30	300	1,0	40	17,1	0,9	0,8	**S000200**	**S000201**	**S000202**	**S000203**	**S000204**	**S000205**
2.000	35	300	1,0	70	17,5	1,4	1,4	**S000206**	**S000207**	**S000208**	**S000209**	**S000210**	**S000211**
3.000	50	400	1,3	100	17,9	2,0	2,1	**S000212**	**S000213**	**S000214**	**S000215**	**S000216**	**S000217**
4.000	65	400	1,3	130	18,9	2,7	2,9	**S000218**	**S000219**	**S000220**	**S000221**	**S000222**	**S000223**
5.000	80	500	1,5	160	18,9	3,4	3,7	**S000224**	**S000225**	**S000226**	**S000227**	**S000228**	**S000229**
6.000	70	700	1,9	190	19,1	3,8	4,4	**S000230**	**S000231**	**S000232**	**S000233**	**S000234**	**S000235**
8.000	90	800	2,2	250	19,1	4,6	6,1	-	**S000236**	**S000237**	**S000238**	**S000239**	**S000240**
10.000	160	1.000	2,6	310	19,5	7,0	7,6	-	**S000241**	**S000242**	**S000243**	**S000244**	**S000245**

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The explanations of the icons can be found on the flap.

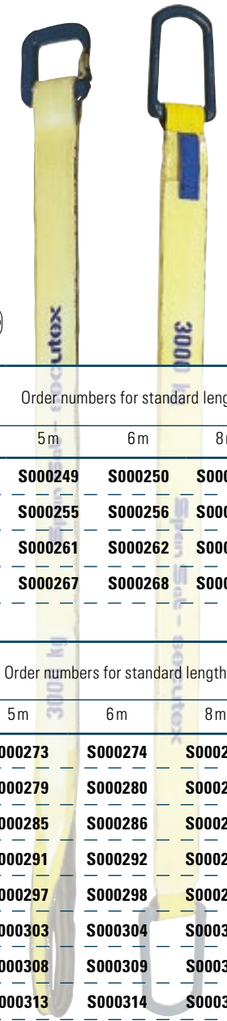
S2-flat slings 1,0-10,0 t with C-link or D-links

- Two-sided secutex-coating
- Tear-resistant label covered with a protective sleeve
- Optional fitting with an RFID transponder
- Loop reinforcement to protect from abrasion

S2 flat slings with a C-link or two D-links

The S2 flat slings also come in versions with a C-link or two D-links. The link has a guide channel (see illustration on p. 73) which supports the entire width of the strap and allows for gliding with minimal wear. The C-link can be quickly hooked and unhooked. The safety catch prevents the flat sling from slipping out unwanted and can be easily replaced in the event of damage.

The robust D-links give you considerably more flexibility. Simply thread one end of the strap through the opposite link – this ensures a lacing in which nothing can slip. Furthermore, the D-link makes it easier to hang the sling into spreader beams or crane hooks when applied in a single layer, as the links do not require a large contact area.



Nominal carrying capacity [kg]	Loop width [mm]	Loop length [mm]	L1 min. [m]	Strap width [mm]	Strap thickness [mm]	Approx. weight 1st m [kg]	Approx. weight per running m [kg]	Order numbers for standard lengths 2 m	3 m	4 m	5 m	6 m	8 m
1.000	30	300	1,0	40	17,1	1,4	0,8	**S000246**	**S000247**	**S000248**	**S000249**	**S000250**	**S000251**
2.000	35	300	1,0	70	17,5	2,9	1,4	**S000252**	**S000253**	**S000254**	**S000255**	**S000256**	**S000257**
3.000	50	400	1,0	100	17,9	5,0	2,1	**S000258**	**S000259**	**S000260**	**S000261**	**S000262**	**S000263**
5.000	80	500	1,5	160	18,9	11,2	3,7	**S000264**	**S000265**	**S000266**	**S000267**	**S000268**	**S000269**

Nominal carrying capacity [kg]	L1 min. [m]	Strap width [mm]	Strap thickness [mm]	Approx. weight 1st m [kg]	Approx. weight per running m [kg]	Order numbers for standard lengths 2 m	3 m	4 m	5 m	6 m	8 m
1.000	1,0	40	17,1	1,4	0,8	**S000270**	**S000271**	**S000272**	**S000273**	**S000274**	**S000275**
2.000	1,0	70	17,5	2,6	1,4	**S000276**	**S000277**	**S000278**	**S000279**	**S000280**	**S000281**
3.000	1,0	100	17,9	4,5	2,1	**S000282**	**S000283**	**S000284**	**S000285**	**S000286**	**S000287**
4.000	1,2	130	18,9	6,4	2,9	**S000288**	**S000289**	**S000290**	**S000291**	**S000292**	**S000293**
5.000	1,5	160	18,9	9,8	3,7	**S000294**	**S000295**	**S000296**	**S000297**	**S000298**	**S000299**
6.000	1,8	190	19,1	15,8	4,4	**S000300**	**S000301**	**S000302**	**S000303**	**S000304**	**S000305**
8.000	2,2	250	19,1	23,6	6,1	-	**S000306**	**S000307**	**S000308**	**S000309**	**S000310**
10.000	2,4	310	19,5	34,3	7,6	-	**S000311**	**S000312**	**S000313**	**S000314**	**S000315**

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