



**Silon
monofilament**

Silon monofilament



Silon monofilament is a non-absorbable, synthetic suture made of polyamide, which has a smooth non-porous surface.

The thread is extremely useful for skin sutures and has a high tensile strength in knots, and knots tie down easily. The thread is available in blue and black.

Silon monofilament can cause a slight initial inflammatory tissue reaction.

Indication: Plastic and General surgery and wherever suturing the skin.

Contraindication: Silon monofilament should not be used when long-term mechanical support is required.

Chemical Composition: Polyamide 6

Sizes: 10/0 to 2 USP

Structure: Monofilament

Absorption method: Non-absorbable

Colour: Blue and Black

Silon monofilament blue ligatures

Pre-cut threads

EP	USP	Length	Colour	Article No.	Pcs./box
1	5/0	3 x 45 cm	Blue	405	24
1.5	4/0	3 x 45 cm	Blue	406	24
2	3/0	3 x 45 cm	Blue	407	24
3	2/0	3 x 45 cm	Blue	408	24
1	5/0	10 x 45 cm	Blue	409	24
1.5	4/0	10 x 45 cm	Blue	410	24
2	3/0	10 x 45 cm	Blue	411	24
3	2/0	10 x 45 cm	Blue	412	24
1	5/0	5 x 75cm	Blue	413	24
1.5	4/0	5 x 75cm	Blue	414	24
2	3/0	5 x 75cm	Blue	SM0415	24
3	2/0	5 x 75cm	Blue	SM0416	24
2	3/0	2 x 100cm	Blue	1485	24
3.5	0	2 x 100cm	Blue	1487	24
1	5/0	1 x 150cm	Blue	401	24
1.5	4/0	1 x 150cm	Blue	402	24
2	3/0	1 x 150cm	Blue	SM0403	24
3	2/0	1 x 150cm	Blue	404	24
3.5	0	1 x 150cm	Blue	1405	24
4	1	1 x 150cm	Blue	SM1406	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
HR: ½ circle, round body needle						
HR 10 	1	5/0	1 x 45 cm	Blue	SM2453	24
HR 13 	1	5/0	1 x 45 cm	Blue	SM4124	24
	1.5	4/0	1 x 45 cm	Blue	4125	24
	0.7	6/0	1 x 60 cm	Blue	SM4126	24
HR 18 	1.5	4/0	1 x 75 cm	Blue	4104	24
HR 22 	2	3/0	1 x 75 cm	Blue	4106	24
HR 27 	3	2/0	1 x 75 cm	Blue	SM4137	24
HR 30 	3	2/0	1 x 75 cm	Blue	SM4142	24
HR 35 	3.5	0	1 x 75 cm	Blue	SM4149	24
HR 40 	4	1	1 x 75 cm	Blue	4152	24
	3.5	0	1 x 100 cm	Blue	SM4154	24
HRX: ½ circle, round body needle - extra strong						
HRX 35 	3.5	0	1 x 75 cm	Blue	SM4241	24
HRX 40 	4	1	1 x 150 cm, Loop	Blue	SM5033	12
HRX 48 	4	1	1 x 150 cm, Loop	Blue	SM5034	12
	4	1	1 x 200 cm, Loop	Blue	SM5037	12

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
HRX 50 	3.5	0	1 x 150 cm, Loop	Blue	SM5035	12
	4	1	1 x 200 cm, Loop	Blue	SM5040	12
HRT: ½ circle, round body needle - tapercut						
HRT 13 	0.7	6/0	1 x 45 cm	Blue	SM2552	24
	1	5/0	1 x 45 cm	Blue	SM2553	24
	1.5	4/0	1 x 45 cm	Blue	SM2554	24
HRT 17 	1.5	4/0	1 x 45 cm	Blue	SM2555	24
HRTX: ½ circle, round body needle - tapercut, extra strong						
HRTX 50 	8	6	1 x 75 cm	Blue	SM4678	24
DR: 3/8 circle, round body needle						
DR 8 	0.5	7/0	1 x 45 cm	Blue	SM2448	24
	1	5/0	1 x 45 cm	Blue	450	24
DR 10 	1	5/0	1 x 45 cm	Blue	451	24
DR 15 	1.5	4/0	1 x 45 cm	Blue	4024	24
DR 18 	1	5/0	1 x 45 cm	Blue	SM4024	24
	1.5	4/0	1 x 75 cm	Blue	4003	24
	2	3/0	1 x 75 cm	Blue	4021	24
DR 21 	2	3/0	1 x 75 cm	Blue	SM2325	24
	3	2/0	1 x 75 cm	Blue	SM2326	24
DR 31 	2	3/0	1 x 75 cm	Blue	SM2330	24
	3	2/0	1 x 75 cm	Blue	SM2331	24
GR: Straight, round body needle						
GR 20 	1	5/0	1 x 45 cm	Blue	SM2349	24
	3	2/0	1 x 100 cm	Blue	SM2348	24
2x GR 60 	3.5	0	1 x 90 cm	Blue	SM2358	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
HS: ½ circle, reverse cutting needle						
 HS 12	1	5/0	1 x 45 cm	Blue	SM2305	24
	1	5/0	1 x 75 cm	Blue	SM2306	24
 HS 15	2	3/0	1 x 45 cm	Blue	SM2308	24
 HS 18	1.5	4/0	1 x 75 cm	Blue	4420	24
	2	3/0	1 x 90 cm	Blue	4421	24
 HS 25	2	3/0	1 x 75 cm	Blue	SM2311	24
 HS 26	3	2/0	1 x 75 cm	Blue	SM2317	24
 HS 40	3	2/0	1 x 75 cm	Blue	SM2409	24
	4	1	1 x 75 cm	Blue	SM2413	24
	3.5	0	1 x 100 cm	Blue	SM3382	24
 HS 48	4	1	1 x 90 cm	Blue	SM2408	24
DS: 3/8 circle, reverse cutting needle						
 DS 10	0.5	7/0	1 x 45 cm	Blue	SM2251	24
	0.7	6/0	1 x 45 cm	Blue	SM2252	24
 DS 11	0.5	7/0	1 x 45 cm	Blue	SM2254	24
 DS 12	0.5	7/0	1 x 45 cm	Blue	4328	24
	0.7	6/0	1 x 45 cm	Blue	SM2255	24
	0.7	6/0	1 x 45 cm	Black	SM4255	24
	1	5/0	1 x 45 cm	Blue	SM2256	24
	1	5/0	1 x 45 cm	Blue	SM4256	24
	1.5	4/0	1 x 45 cm	Blue	SM2257	24
 DS 13	1	5/0	1 x 75 cm	Blue	SM2248	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
DS 15 	0.7	6/0	1 x 45 cm	Blue	SM2260	24
	1	5/0	1 x 45 cm	Blue	SM2261	24
	1	5/0	1 x 45 cm	Black	SM4261	24
	1.5	4/0	1 x 45 cm	Blue	SM2262	24
	2	3/0	1 x 45 cm	Blue	SM2263	24
	1.5	4/0	1 x 75 cm	Blue	SM2362	24
DS 16 	0.7	6/0	1 x 45 cm	Blue	SM2460	24
	0.7	6/0	1 x 60 cm	Blue	SM2459	24
DS 16 Black 	0.7	6/0	1 x 45 cm	Black	SM4461	24
DS 19 	0.7	6/0	1 x 45 cm	Blue	4332	24
	1	5/0	1 x 45 cm	Blue	SM2266	24
	1	5/0	1 x 45 cm	Black	SM4266	24
	1.5	4/0	1 x 45 cm	Blue	SM2367	24
	2	3/0	1 x 45 cm	Blue	SM2368	24
	2	3/0	1 x 45 cm	Black	SM4368	24
	3	2/0	1 x 45 cm	Blue	SM2369	24
	1	5/0	1 x 75 cm	Blue	SM2366	24
	1.5	4/0	1 x 75 cm	Blue	SM2267	24
	2	3/0	1 x 75 cm	Blue	SM2268	24
	3	2/0	1 x 75 cm	Blue	SM2269	24
	1	5/0	1 x 90 cm	Blue	SM2466	24
DS 20 	1.5	4/0	1 x 75 cm	Blue	SM2471	24
DS 24 	1.5	4/0	1 x 75 cm	Blue	SM3277	24
	2	3/0	1 x 75 cm	Blue	SM3276	24
	3	2/0	1 x 75 cm	Blue	SM3275	24
DS 25 	1.5	4/0	1 x 45 cm	Blue	SM2372	24
	1.5	4/0	1 x 45 cm	Black	SM4372	24
	2	3/0	1 x 45 cm	Blue	SM2373	24
	2	3/0	1 x 45 cm	Blue	SM4373	24
	3	2/0	1 x 45 cm	Blue	SM2374	24
	3	2/0	1 x 45 cm	Black	SM4374	24
	1	5/0	1 x 75 cm	Blue	SM2375	24
	1.5	4/0	1 x 75 cm	Blue	SM2273	24
	2	3/0	1 x 75 cm	Blue	SM2270	24
	2	3/0	1 x 75 cm	Black	SM4270	24
	3	2/0	1 x 75 cm	Blue	SM2271	24
	3.5	0	1 x 75 cm	Blue	SM2272	24
	4	1	1 x 75 cm	Blue	SM2274	24
DS 26 	2	3/0	1 x 90 cm	Blue	SM3272	24
	2	3/0	1 x 90 cm	Black	SM4272	24
	3	2/0	1 x 90 cm	Blue	SM3271	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
 DS 30	3	2/0	1 x 45 cm	Blue	SM2384	24
	3.5	0	1 x 45 cm	Blue	SM2385	24
	1.5	4/0	1 x 75 cm	Blue	SM4324	24
	2	3/0	1 x 75 cm	Blue	4325	24
	2	3/0	1 x 75 cm	Black	4425	24
	3	2/0	1 x 75 cm	Blue	SM2284	24
	3.5	0	1 x 75 cm	Blue	SM2285	24
	2	3/0	1 x 90 cm	Blue	SM4325	24
	3	2/0	1 x 90 cm	Blue	SM4326	24
	4	1	1 x 90 cm	Blue	SM4327	24
 DS 37	3.5	0	1 x 75 cm	Blue	SM2386	24
	3.5	0	1 x 75 cm	Black	SM4386	24
 DS 38	2	3/0	1 x 75 cm	Blue	SM2290	24
	3	2/0	1 x 75 cm	Blue	SM2291	24
	3	2/0	1 x 75 cm	Black	SM4291	24
	3.5	0	1 x 75 cm	Blue	SM2292	24
	4	1	1 x 75 cm	Blue	SM2293	24
	3	2/0	1 x 90 cm	Blue	SM3291	24
 DS 40	3	2/0	1 x 90 cm	Blue	SM2497	24
	3.5	0	1 x 90 cm	Blue	SM2495	24
	4	1	1 x 90 cm	Blue	SM2493	24
 DS 45	3	2/0	1 x 100 cm	Blue	SM2499	24
 DS 50	4	1	1 x 100 cm	Blue	SM2693	24
 DS 60	3	2/0	1 x 100 cm	Blue	SM3388	24
	4	1	1 x 100 cm	Blue	SM3390	24
 DS 90	3.5	0	1 x 100 cm	Blue	SM3394	24
	4	1	1 x 100 cm	Blue	SM3395	24
	5	2	1 x 100 cm	Blue	SM3396	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
DSC: 3/8 circle, conventional cutting needle						
 DSC 90	3	2/0	1 x 100 cm	Blue	SM8397	24
	3.5	0	1 x 100 cm	Blue	SM8394	24
DSM: 3/8 circle, reverse cutting needle - micropoint						
 DSM 12	0.7	6/0	1 x 45 cm	Blue	SM2055	24
	0.7	6/0	1 x 45 cm	Black	SM4055	24
	1	5/0	1 x 45 cm	Blue	SM2056	24
	1.5	4/0	1 x 45 cm	Blue	SM2057	24
	1.5	4/0	1 x 45 cm	Black	SM4057	24
 DSM 13	1	5/0	1 x 75 cm	Blue	SM2053	24
	1	5/0	1 x 45 cm	Black	SM4456	24
 DSM 15	1	5/0	1 x 45 cm	Blue	SM2060	24
	1.5	4/0	1 x 45 cm	Blue	SM2061	24
	2	3/0	1 x 45 cm	Blue	SM2062	24
 DSM 16	1	5/0	1 x 45 cm	Black	SM4162	24
	1.5	4/0	1 x 45 cm	Blue	SM2163	24
 DSM 19	1	5/0	1 x 45 cm	Blue	SM2064	24
	1.5	4/0	1 x 45 cm	Blue	SM2065	24
	1.5	4/0	1 x 45 cm	Black	SM4065	24
	2	3/0	1 x 45 cm	Blue	SM2066	24
	1	5/0	1 x 75 cm	Blue	SM2166	24
 DSM 25	2	3/0	1 x 75 cm	Blue	SM2078	24
	3	2/0	1 x 75 cm	Blue	SM2079	24
 DSM 30	2	3/0	1 x 75 cm	Blue	SM2080	24
	2	3/0	1 x 45 cm	Blue	SM2074	24
 DSM 40	3	2/0	1 x 75 cm	Blue	SM2090	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
DSCM: 3/8 circle, conventional cutting needle - micropoint						
DSCM 19 	1	5/0	1 x 100 cm	Blue	SM8081	24
DSCM 20 	1.5	4/0	1 x 45 cm	Blue	SM8065	24
GS: Straight, reverse cutting needle						
GS 50 	3	2/0	1 x 90 cm	Blue	SM3295	24
GS 60 	2	3/0	1 x 75 cm	Blue	SM3283	24
	3	2/0	1 x 75 cm	Blue	SM3284	24
GS 60 	3	2/0	1 x 90 cm	Blue	SM3294	24
2x GS 75 	4	1	1 x 75 cm	Blue	SM3302	24



For different specialties, procedures and tissue types within human, veterinary and dental market, Chirmax Surgical provides state of the art, European quality surgical sutures and meshes to improve the lives of patients worldwide. Each individual production process is subject to strict scientific quality control.

Surgical Sutures

The choice of needle to be used must rest with the surgeon and may take several factors into account. Chirmax Surgical Sutures are manufactured in a wide range of types, shapes, lengths and diameters with high quality Mani Japanese needles to cover the most demanding requirements. Choose between more than 5.000 absorbable and non-absorbable sutures and special needle products. We also develop and produce custom made sutures.

Surgical Meshes

A standard for the permanent repair of abdominal wall hernias. A wide range of mesh implants are available, with two main functions: to stabilise and strengthen soft tissue defects, and to act as a sling to support prolapsed organs and viscera. It is most commonly used in pelvic organ prolapse, urinary stress incontinence and hernia repairs.

*Strengthening Healing,
Supporting Recovery*

