

A teal line that starts from the left, loops upwards and to the right, and then curves downwards towards the center.

NTS

Threads that heal, stitches that seal

Nakh Jarahan Teb Sina

A teal line that starts from the bottom left, curves upwards and to the right, and then continues as a long, wavy line across the bottom of the page.



Absorbable sutures



Polyglycaprone 25

Polyglycaprone 25 surgical thread is an absorbable, monofilament, and synthetic suture.
Its structure is made of glycolide and epsilon-caprolactone.
It features high tensile strength, excellent knot security, and resistance to infection.



Polyglactine 910

Polyglactine 910 surgical thread is an absorbable, multi-filament, braided, coated, and synthetic suture.
Its structure consists of 90% glycolide and 10% L-lactide.
It features predictable absorption characteristics and excellent knot security.



Polydioxanone

Polydioxanone surgical thread is an absorbable, monofilament, and synthetic suture.
Its structure is made of a polyester polymer.
It offers easy passage through tissue, predictable absorption characteristics, and does not cause infection.



Polyglycolic acid

Polyglycolic acid surgical thread is an absorbable, multi-filament, and synthetic suture.
Its structure is made of polyglycolic acid polymer.
It features high absorption capacity, high tensile strength, and minimal tissue irritation.

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Absorbable sutures

Polyglecaprone 25

USP	Length	Needle Typt	Needle Length	color
2/0	75 cm	Round	30	violet
2/0	75 cm	Round	26	violet
2/0	75 cm	Reverse Cutting	26	violet
3/0	75 cm	Reverse Cutting	24	violet
4/0	75 cm	Reverse Cutting	19	violet

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Absorbable sutures

Polydioxanone

USP	Length	Needle Typt	Needle Length	color
1	90 cm	Round	40	violet
0	90 cm	Round	40	violet
0	90 cm	Round	36	violet
0	75 cm	Round	40	violet
2/0	75 cm	Round	30	violet

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Absorbable sutures

Polydioxanone

USP	Length	Needle Typt	Needle Length	color
2/0	75 cm	Round	26	violet
3/0	75 cm	Round	26	violet
3/0	75 cm	Round	30	violet
3/0	75 cm	Reverse Cutting	26	violet
5/0	75 cm	Reverse Cutting	16	violet

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Non absorbable sutures

POLYPROPYLENE

Polypropylene surgical thread is a non-absorbable, monofilament, and synthetic suture made of polypropylene polymer.

It has high resistance to tension, maintains long-term strength, and is also resistant to infection.



SILK

Silk surgical thread is a non-absorbable, multi-filament, natural suture made from silkworm cocoons.

It has a soft and flexible structure, excellent knot security, and high tensile strength.



NYLON

Nylon surgical thread is a non-absorbable, monofilament, and synthetic suture made from polyamides.

It has high tensile strength, excellent elasticity, and does not cause sensitivity or allergic reactions.



POLYESTER

Nylon surgical thread is a non-absorbable, multi-filament, braided, and synthetic suture.

Its structure is made from polyethylene terephthalate polymer.

It has high tensile strength, minimal inflammatory response, and is very soft and flexible.





POLYPROPYLENE

Non absorbable sutures



USP	Length	Needle Typt	Needle Length	color
5/0	75 cm	Round Double Needle	13	blue
5/0	90 cm	Round Double Needle	16	blue

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SILK

Non absorbable sutures

USP	Length	Needle Typt	Needle Length	color
0	75 cm	Reverse Cutting	37	black
2/0	17*45 cm	Without needle	-	black
2/0	12*60 cm	Without needle	-	black
3/0	17*45 cm	Without needle	-	black
3/0	12*60 cm	Without needle	-	black

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NYLON

Non absorbable sutures



USP	Length	Needle Typt	Needle Length	color
10/0	30 cm	Spatula Double Needle	6.2 150 μ	black
10/0	30 cm	Spatula Double Needle	6.4 200 μ	black

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NYLON

Non absorbable sutures



USP	Length	Needle Typt	Needle Length	color
1	75 cm	Round	40	blue
0	75 cm	Reverse Cutting	40	blue
0	75 cm	Round	40	blue
0	150 cm	Round Loop	37	blue
0	150 cm	Round Loop	40	blue

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NYLON

Non absorbable sutures



USP	Length	Needle Typt	Needle Length	color
2/0	75 cm	Reverse Cutting	26	blue
2/0	75 cm	Reverse Cutting	37	blue
3/0	75 cm	Reverse Cutting	26	blue
3/0	75 cm	Cutting	26	blue
3/0	75 cm	Reverse Cutting	26	-

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NYLON

Non absorbable sutures



USP	Length	Needle Typt	Needle Length	color
4/0	75 cm	Reverse Cutting	19	blue
4/0	75 cm	Reverse Cutting	19	-
5/0	75 cm	Reverse Cutting	16	blue





Importer and manufacturer of specialized surgical sutures Based on the latest global technology

Since **2001**, we have initiated research and data collection efforts aimed at testing the top brands of surgical threads worldwide to meet the needs of leading medical specialists in the country. Over 100 of the world's leading producers' samples were tested and evaluated, and ultimately, in **2004**, we began our activities focusing on the SMI Belgium brand.

From **2011**, in line with domestic policies and supported by widespread satisfaction and backing from surgeons across the country, the official and exclusive agency for importing and distributing SMI Belgium surgical threads was awarded to Sina Surgical Sutures Company.

Given the increasing acceptance and satisfaction among prominent surgeons, as a result of the continuous efforts of various teams within the organization, and concurrent with the development of specialized knowledge in the field of surgical sutures among Sina Surgical Sutures managers—thanks to extensive interactions with educational and medical institutions nationwide—it was decided in **2018** to establish a manufacturing factory for specialized surgical threads in Isfahan to address serious problems and shortages caused by sanctions. Simultaneously, leveraging the capabilities of the Shamsabad factory in Tehran, we began producing and marketing our products under the NTS brand across Iran.

NTS products include specialized surgical threads (absorbable and non-absorbable) designed to meet the needs of all surgical fields, such as general surgery, ophthalmology, cardiology and vascular surgery, neurosurgery, gynecology and obstetrics, orthopedics, and urology. Alongside these, related products such as surgical prolene mesh, hemostatic agents like Ben-Wax, and Surgi-Sel are also produced and supplied in Iran.

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