

INSTRUCTIONS FOR USE

**ARNINYLON
MONOFILAMENT POLYAMIDE (NYLON)
NON-ABSORBABLE SURGICAL SUTURE U.S.P.**

DESCRIPTION:

Monofilament Polyamide is a synthetic non-absorbable, sterile, monofilament surgical suture, composed of long chain-aliphatic polymers, Polyamide 6 and Polyamide 6.6. Polyamide 6 is formed by polymerization of epsilon caprolactone. Polyamide 6.6 is formed by poly-condensation of hexamethylene diamine and adipic acid.

Monofilament Polyamide black sutures are dyed with Haematin HCK (Colour Index No. 75290). Monofilament Polyamide blue sutures are dyed with a blue pigment (Colour Index No.69800).

Monofilament Polyamide (Black/Blue) sutures are available in range of gauge sizes and lengths attached to stainless steel needles of varying types and lengths.

Monofilament Polyamide sutures meets all the requirements, established by United States Pharmacopeia under the monograph, Nonabsorbable Surgical Suture.

INTENDED USE:

Monofilament Polyamide suture is indicated for use in general soft tissue approximation and /or ligation.

APPLICATION:

Sutures should be selected and implanted depending on patient condition, surgical experience, surgical technique and wound size.

MECHANISM OF ACTION:

Monofilament Polyamide suture elicits a minimal initial inflammatory reaction in tissues, which is followed by gradual encapsulation of the suture by fibrous connective tissue. While polyamide is not absorbed, progressive hydrolysis of the polyamide in vivo may result in gradual loss of tensile strength over time. Because of it's lack of adherence to tissue, Nylon suture is an effective pull-out suture.

CONTRAINDICATIONS:

Due to the gradual loss of tensile strength which may occur over prolonged periods in vivo, Monofilament Polyamide sutures should not be used where permanent retention of tensile strength is required.

No contra indications are known for the blue Nylon sutures.

Do not expose the pack to chemical disinfectants containing oxidizing agents like Hydrogen Peroxide or other similar chemicals, this may affect the product quality.

WARNING/PRECAUTIONS/INTERACTIONS:

Users should be familiar with surgical procedures and techniques involving non absorbable sutures before employing Monofilament Polyamide suture for wound closure as risk of wound dehiscence may vary with the site of application and the suture material used.

As with any foreign body, prolonged exposure of any suture with salt solutions, such as those found in urinary or biliary tracts may result in calculus formation.

Adequate knot security requires the standard surgical technique of flat and square ties with additional throws as indicated by surgical circumstances and experience of the surgeon.

The use of additional throws may be particularly appropriate when knotting monofilament sutures.

Care should be taken to avoid damage when handling surgical needles. Grasp the needle in an area one third (1/3) to one half (1/2) of the distance from the attachment end to the point. Grasping in the point area, could impair the penetration performance and cause fracture of the needle. Grasping at the attachment end could cause bending or breakage.

Reshaping needles may cause them to loose strength and be less resistant to bending and breaking. Users should exercise caution when handling surgical needles to avoid inadvertent needle stick injury. Discard unused needles in "Sharps" containers.

ADVERSE REACTIONS:

Adverse effects associated with this device include minimal initial inflammatory tissue reaction and transient local irritation at the wound site. Like all foreign bodies, Monofilament Polyamide sutures (Black/Blue) may enhance an existing infection.

STERILITY:

Monofilament Polyamide (Black/Blue) sutures are sterilized by Ethylene Oxide. Do not re-sterilize. Do not use if package is opened or damaged. Discard opened, unused sutures.

SUPPLY:

Monofilament Polyamide (Black/Blue) sutures are available in U.S.P. sizes 6-0 to Size 2. The suture is supplied sterile in pre-cut lengths and attached to various needle type, shape and length.

STORAGE:

Recommended storage conditions:
Below 30° C away from moisture and direct sunlight. Do not use after expiry date.

DISPOSAL:

To be disposed as per user's country disposal regulations and Hospital/Clinic protocol.

Manufactured by:

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Vishwaneedam Post, Bangalore - 560091.

EXPLANATION OF SYMBOLS	
Symbol	Explanation
	Manufacturer
	Date of Manufacture
	Use-By Date
	Sterilization by Ethylene Oxide
	Do not re- use
	Do not re-sterilize
	Batch number
	Keep away from Sunlight
	Keep dry
	Warning
	Temperature Limit
	Do not use if package is damaged
	Read Instructions for use