

Assurance of Tyvek Packaging⁵

Start sterile... Stay sterile – Superior microbial barrier & moisture resistance

High tear strength – Offers durable protection

Clean peel – Lesser number of particles release ensures minimal device contamination

Steady performance
for superior confidence

ADVASYL

Product Description³

| | |
|---------------------|--|
| Composition | Proteinaceous silk fibres called fibroin |
| Coating | Wax |
| Sizes | USP size 2 to 3-0 |
| Color | Black |
| Absorption Profile | Non-absorbable |
| Tensile Strength | Gradual loss in tensile strength over a period |
| Needle Availability | A wide variety of Round Body, Taper Cut, Cutting and Reverse Cutting Needles |



V-0

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AMS
Advanced MedTech Solutions Pvt. Ltd.

ADVASYL
Braided Natural
Non-Absorbable Surgical Suture

Exceptional control for confidence in
gentle tissue approximation

Excellent handling combined with great strength for gentle tissue approximation¹

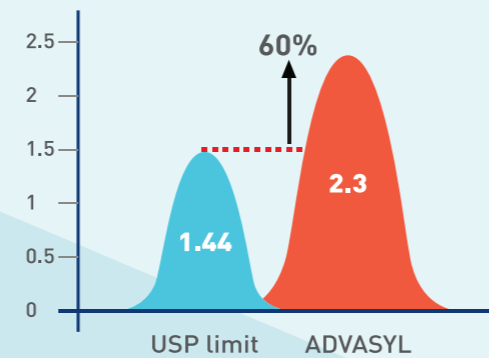
1. Unsurpassed knotting performance¹

- Excellent knot run-down & security
- Excellent first throw hold

2. High tensile strength offers strong & secure closure for permanent wound support

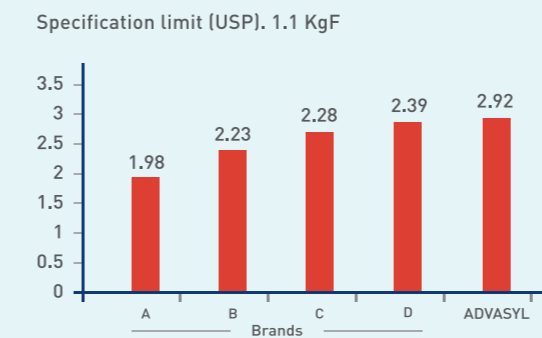
- Knot pull tensile strength, 60% higher than USP limit ensures exceptional wound support⁴

Knot pull tensile strength (KgF)

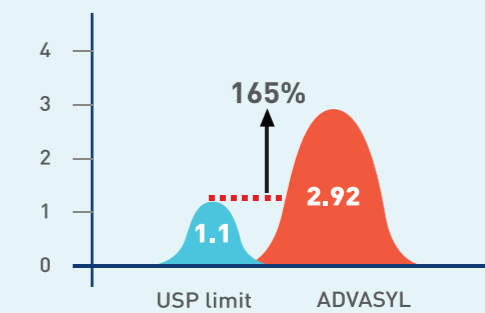


Premium needles for enhanced confidence

Average needle pull tensile strength (KgF)⁵



Needle pull tensile strength (KgF)⁵



Superior wax coating²

Braided suture

Minimal tissue drag & trauma

Uniform diameter throughout the strand

Minimal suture breakage

Reduced capillary action

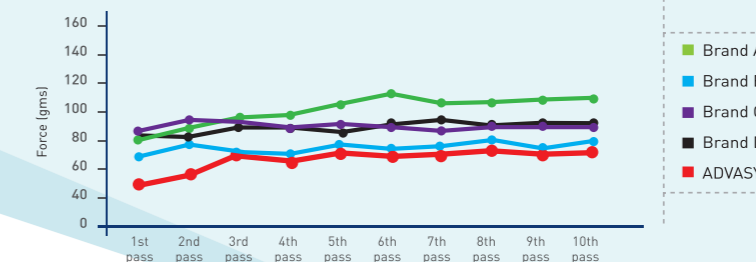
Minimal risk of infection transmission

Durable silicon coating for improved penetration

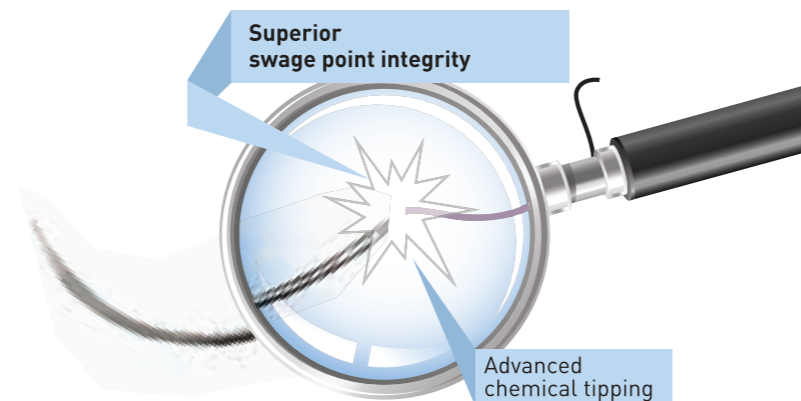
Minimal penetration force is required from first to the last pass

Minimal tissue drag & trauma

Incremental penetration study⁵



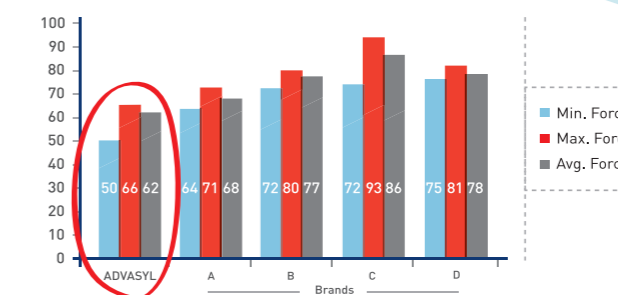
Advanced chemical tipping & mechanical drilling ensures minimal suture detachment at the swage point³



Superior needle geometry for improved handling

Ribbed bodied needle to provide greater stability in the needle holder

Needle penetration study⁵



REFERENCES

1. Handling characteristics of braided suture materials for tight tying-J Appl Biomater. 1993 Spring; 4(1):61-5
2. Textile Implants: Silk Suture Manufacturing Technology- Journal of Academia and Industrial Research
3. Data on File with AMS
4. Data on file with AMS -Bench test done on Silk USP size-2-0, 45 mm Reverse cutting needle

REFERENCES

5. Data on file with AMS -Bench test done on Silk USP size-2-0, 45 mm Reverse cutting needle