AQUABRID™ Surgical Sealant

Strong and elastic, ideal for wet conditions.

For more information, visit
terumoaortic.com/features-benefits

TERUMO AORTIC

Developed for Wet Conditions

AQUABRID™ is a fully synthetic surgical sealant for aortic surgical procedures

In contact with water AQUABRID™ forms an elastic layer within 3 to 5 minutes - making it optimal for use in wet conditions .[1,2] AQUABRID™ stretches and shrinks with contraction of the vessel, while maintaining a strong seal in the aorta.[1,2]

AQUABRID™ has been commercially available in Japan since 2014 under the name of HYDROFIT®

DURABILITY & RELIABILITY

Strong[1,2]

Maintains bond/seal in the high-pressure environment of the aorta.

- AQUABRID™ acts as a sealant not a glue.

SAFETY & EFFICACY

100% Synthetic[2,3]

No biological origin reduces risk of infection.

- AQUABRID™ effectively controls aortic bleeding.[4]

ADAPTABILITY & VERSATILITY

Reacts with water[1,2]

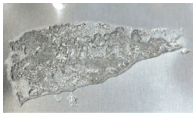
Optimal use for wet surfaces, regardless of heparinisation conditions.

- Can be used for aortic surgical procedures.[3]

AQUABRID™
Discover more...

*"The sealant is effective in achieving hemostasis, even under **fully heparinised** conditions."*[4]

AQUABRID™ before reacting



AQUABRID™ after full reaction with water

1. Eto M *et al.* (2007) Elastomeric Surgical Sealant for hemostasis of cardiovascular anastomosis under full heparinization. European *Journal of Cardio-Thoracic Surgery.* November; 32(5): pp730–734.
2. Oda S *et al.* (2010) Experimental use of an elastomeric surgical sealant for arterial hemostasis and its response. *Interactive Cardiovascular and Thoracic Surgery.* February; 10(2): pp258-261.
3. Per IFU
4. Morita S *et al.* (2020) Randomized clinical trial of an elastomeric sealant for hemostasis in thoracic aortic surgery. *General Thoracic and Cardiovascular Surgery.* 68: pp112–121.

Ideal to Support Aortic Anastomosis

FLEXIBILITY

Elastic[1,2]

Flexible Polymer.

- Stretches and shrinks with vessel contraction.
- Strong seal during the pulsatile stress-loads of the Aorta.[1,2]

PRECISION

Direct[3] or Transfer Application[2,3]

Minimal volume used in a thin layer.

- The silicon sheet and spatula facilitate pressurized sealing in challenging anastomoses.

DESIGN

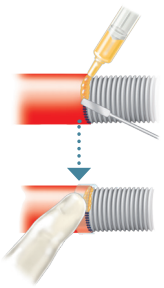
Ready to Use[3]

Convenient preloaded syringe.

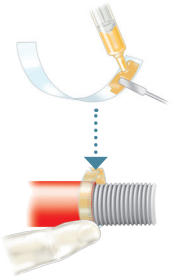
- Stored at room temperature.*[3]
- No manual mixing or preparation required.
- No requirement for multiple applicator tips.

*"The **elastomeric** nature of completely cured or hardened sealant provides much closer **compliance with native arteries** than cyanoacrylate glue that becomes plastic as cured."*[2]

Direct Method[3]



Transfer Method[3]



* IFU Storage recommended between 1°C to 30°C

1. Eto M *et al.* (2007) Elastomeric Surgical Sealant for hemostasis of cardiovascular anastomosis under full heparinization. European *Journal of Cardio-Thoracic Surgery.* November; 32(5): pp730–734.
2. Oda S *et al.* (2010) Experimental use of an elastomeric surgical sealant for arterial hemostasis and its response. *Interactive Cardiovascular and Thoracic Surgery.* February; 10(2): pp258-261.
3. Per IFU

ROW

Discover solutions for every segment of the aorta
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TERUMO AORTIC

Visit our website for more information on use, indications, contraindications, warnings/precautions and availability within your market.

Designed & Manufactured by: Sanyo Chemical Industries, LTD. 11-1, Ikkyo Nomoto-cho, Higashiyama-ku, Kyoto 605-0995, Japan

Distributed by: Vascutek Ltd, Newmains Avenue, Inchinnan, Renfrewshire PA4 9RR, United Kingdom

Product availability subject to local regulatory approval.

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