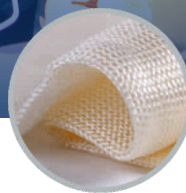
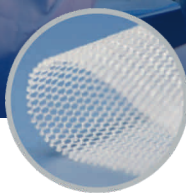


**AEGIS LIFESCIENCES**

PROTECTION THROUGH PERFECTION



**Surgi-ORC®**

Absorbable Haemostat  
(Oxidized Regenerated Cellulose)



## Surgi-ORC®

### *Absorbable Haemostat (Oxidized Regenerated Cellulose)*

Surgi-ORC® is a natural, plant based Absorbable Haemostat, made up of Oxidized Regenerated Cellulose designed to stop capillary, venous and small arteriolar bleeding, when ligation and other conventional procedures are either ineffective or impractical.

### **Surgi-ORC® Absorbable Haemostat: Features and Benefits**

- Rapid Action: Haemostasis within 3-4 minutes
- Absorbable: Completely absorbable
- Biocompatible: No tissue reactions
- Antibacterial: Low pH leads to the bactericidal effect
- Adaptable: Can be cut into any desired dimension without fraying and applicable to various tissue thicknesses and surgery sites
- Easy to Use: Highly flexible and drapable; can be sutured
- Ready to Use: Applied, laid on, held against or wrapped around the bleeding surface in dry form
- Safer: No animal origin or collagen substances
- Compliance: Compliance with United States Pharmacopoeia.

### **Why to use Surgi-ORC®**

- The plant based natural cellulose dissolved and extruded as a continuous fiber (regeneration). The fabric made from these fibers has uniform chemical composition. The oxidized form of these fabrics shows high stability and fluid absorption, when compared with cotton-based products
- Surgi-ORC® Absorbable Haemostat is a sterile product made up of oxidized regenerated cellulose (polyoxyan hydro glucuronic acid)
- Surgi-ORC® Absorbable Haemostat has no animal or collagen additive substances and can be sutured and cut without any wear.

### **Haemostatic mechanism:**

The mechanism of action of Surgi-ORC® is independent from the blood coagulation mechanism of the body. Surgi-ORC® absorbs the blood and forms a brown/black gelatinous mass, which aids clot formation at the site of application.

This gelatinous mass acts as a physical matrix for the platelets adherence. Platelets aggregation leads to the formation of a platelet-fibrin plug, hence, Haemostasis.

### **How Does Surgi-ORC® Work?**

Oxidized Regenerated Cellulose (ORC) absorbs blood and becomes a gel covering the site of vessel injury



Creates an area of low pH causing localized vasoconstriction



Provides a matrix for platelet adhesion, accelerating the formation of the platelet plug that will form the foundation of the fibrin clot



## Where to Use :

- Cardiovascular Surgery
- Cardiothoracic Surgery
- Neurosurgery
- General Surgery
- Obstetrics Surgery
- Gynaecology Surgery
- Urologic Surgery
- Orthopaedic Surgery
- Plastic Surgery
- ENT Surgery
- Dental Surgery

## Application:

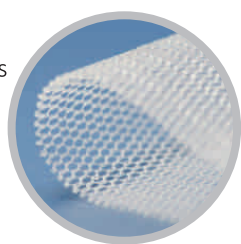
Applying Surgi-ORC® is very simple, fast and safe. The haemostatic reticulum can be applied directly onto the dried bleeding area or organ. It acts locally and stops bleeding usually within 3-4 minutes, depending on the type of surgery and the intensity of bleeding.

The product can either be applied to the required area by gentle pressure, attaching it with a stitch, sewing it onto a tissue or an organ or it can be used as a form of tamponade.

Surgi-ORC® Original/Standard, Surgi-ORC® Fibril, Surgi-ORC® Knit and Surgi-ORC® Non-Woven/SNOW haemostats are white or pale yellow in color and can be cut into desired sizes for different surgeries. Surgi-ORC® Absorbable Haemostats are fully absorbable with minimum tissue reaction.

### Surgi-ORC® Original/Standard

- Plant based cellulose
- Fine weave of ORC
- Haemostasis within 3-4 minutes
- Completely absorbable
- Bactericidal properties
- Can be cut without fraying
- High flexibility and drapeability.



### Surgi-ORC® Fibril

- Tufts of soft, light weight ORC
- Activates on larger surfaces
- Superior handling characteristics
- Completely absorbable
- Bactericidal properties
- 7 layers fibrillose fabric
- Useful on irregular surfaces like in Orthopaedic, Cardiovascular, Neuro and Vascular Surgeries.



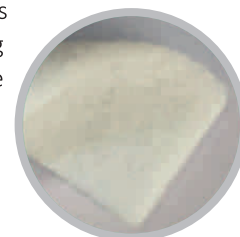
### Surgi-ORC® Knit

- Denser weave of ORC for heavier bleeding
- Haemostasis within 3-4 minutes
- Completely absorbable
- Bactericidal properties
- Can be cut without fraying
- Density suitable for suturing
- Laparoscopic compatibility
- Diffuse organ bleeding
- Transplant procedures.



### Surgi-ORC® Non-Woven/SNOW

- Nonwoven design increases contact surface
- Needle punched with interlocking fibres
- Maximized effect and superior handling
- Easy use in open and minimally invasive procedures
- Useful in Urology, Gynaecology, Cardiovascular, General and Peripheral Vascular Surgeries.



## Ordering Information

Product Id	Dimensions (inch)	Dimensions (cm)	No. of Pieces Per Box
<b>Surgi-ORC® Original/Standard</b>			
SOO-0214	2X14	5x35	12
SOO-0408	4X8	10x20	12
SOO-0203	2X3	5x7.5	12
SOO-0304	3x4	7.5x10	12
SOO-502	0.5X2	1.25x5	12
SOO-0228	02x2.8	5x7	12
<b>Surgi-ORC® Knit</b>			
SOK-0304	3X4	7.6x10.2	12
SOK-0609	6X9	15.2x23	12
SOK-0101	1X1	2.6X2.6	12
<b>Surgi-ORC® Fibril</b>			
SOF-0102	1X2	2.6X5.1	12
SOF-0204	2X4	5.1X10.2	12
SOF-0404	4X4	10.2X10.2	12
<b>Surgi-ORC® Non-Woven/SNOW</b>			
SON-0102	1X2	2.6X5.1	12
SON-0204	2X4	5.1X10.2	12
SON-0404	4X4	10.2X10.2	12

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BROCHURE



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