

REOXCEL (ORC)

REOXCEL Sigma Knit (ORC)

REOXCEL Fibril (ORC)

ZEOCEL (OC)

# Absorbable Haemostat

**All-Round Performance**

Safe Haemostasis Effective Against Bacteria

Catalog Link



[www.boztibbi.com/bozkatalog.pdf](http://www.boztibbi.com/bozkatalog.pdf)

**Boz®**

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Katalog-inghaemostat/03/25.03.2022

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# REOXCEL®

Absorbable Haemostat, Oxidized Regenerated Cellulose (ORC)

## DESCRIPTION

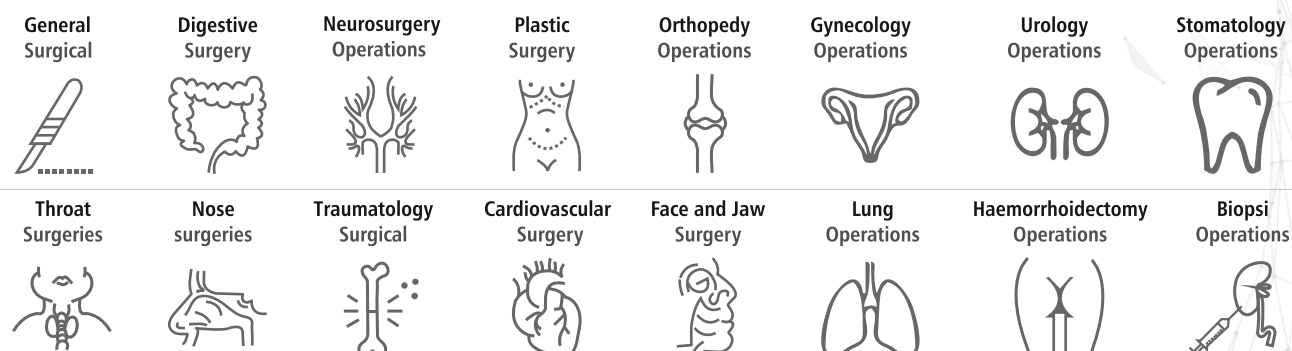
REOXCEL Absorbable Haemostat is a sterile haemostatic preparation available in the flat form with textile structure and made of Oxidized Regenerated Cellulose (ORC) (polyanhydro glucuronic acid). REOXCEL Absorbable Haemostat complies with the requirements of the United States Pharmacopoeia for "Oxidized Regenerated Cellulose". REOXCEL Absorbable Haemostat does not contain any animal or collagen additives.

REOXCEL Absorbable Haemostat can be laid on, held against, closed exactly or sutured to a bleeding surface. REOXCEL Absorbable Haemostat is applied as dry. Action mechanism of REOXCEL Absorbable Haemostat is independent from blood coagulation mechanism of the body. REOXCEL Absorbable Haemostat forms a brownish or black gelatinous mass which aids clot formation in 3-4 minutes when it contacts with blood. This gelatinous mass acts as a physical matrix to which platelets can adhere. With platelet aggregation and formation of platelet-fibrin plug, haemostasis occurs. REOXCEL Absorbable Haemostat is absorbed from the sites of implantation without tissue reaction when it is used properly in minimal amounts. Absorption depends on; tissue type, haemostat amount used and saturation degree of blood. It is completely absorbed in 7-14 days. REOXCEL Absorbable Haemostat has been shown to be bactericidal in vitro against 40 types of Gr(+) (gram positive) and Gr(-) (gram negative) microorganisms including those of.

In addition, the bactericidal effect of REOXCEL Absorbable Hemostat has been shown by in vivo studies with MRSA (Methicillin-resistant Staphylococcus aureus) and E. coli (Escherichia coli).

## INDICATIONS

It is suitable for use in general surgery and digestive surgery, neurosurgery (especially cerebral operations), plastic surgery, orthopedy, gynecology, urology, stomatology, operations to the throat or nose, traumatology and all other branches of surgery such as cardiovascular surgery, implantation of vascular prostheses, surgery to the face and jaw, lung operations, haemorrhoidectomy, biopsies, liver and gall bladder operations, gastric resection, thoracic and abdominal sympathectomies. REOXCEL Absorbable Haemostat can be applied into cavities (after extirpation of tumors) as well as endoscopic interventions or dental praxis.



## Product Features

✓ Bactericidal Effect Against 40 Kind of Microorganisms

⌚ Clot Formation in 3-4 Minutes

📅 Completely Absorbed in 7-14 Days

➡ Absorption in implantation areas without tissue reaction



Product Code	Description of Product	Unit of Sale
RX0502	1,25cm x 5cm	12 Sachets per box
RX1001	2,5cm x 2,5cm	12 Sachets per box
RX1002	2,5cm x 5cm	12 Sachets per box
RX1003	2,5cm x 7,5cm	12 Sachets per box
RX1063	2,5cm x 9cm	12 Sachets per box
RX2003	5cm x 7,5cm	12 Sachets per box
RX2004	5cm x 10cm	12 Sachets per box
RX2014	5cm x 35cm	12 Sachets per box
RX3004	7,5cm x 10cm	12 Sachets per box
RX4004	10cm x 10cm	12 Sachets per box
RX4008	10cm x 20cm	12 Sachets per box
RX6009	15cm x 23cm	12 Sachets per box
RX0502X	1,25cm x 5cm	10 Sachets per box
RX1001X	2,5cm x 2,5cm	10 Sachets per box
RX1002X	2,5cm x 5cm	10 Sachets per box
RX2003X	5cm x 7,5cm	10 Sachets per box
RX2004X	5cm x 10cm	10 Sachets per box
RX2014X	5cm x 35cm	10 Sachets per box
RX3004X	7,5cm x 10cm	10 Sachets per box
RX4004X	10cm x 10cm	10 Sachets per box
RX4008X	10cm x 20cm	10 Sachets per box
RX6009X	15cm x 23cm	10 Sachets per box

# Reliable Performance

Safe Haemostasis

Effective Against Bacteria

- ▶ Light knit formation covers uneven tissue
- ▶ Applicable on wide range of operations





# REOXCEL® - Sigma Knit

Absorbable Haemostat, Oxidized Regenerated Cellulose (ORC) **DESCRIPTION**

REOXCEL-Sigma Knit Absorbable Haemostat is a sterile haemostatic preparation available in the flat form with textile structure and made of Oxidized Regenerated Cellulose (ORC) (polyanhydro glucuronic acid). REOXCEL-Sigma Knit Absorbable Haemostat complies with the requirements of the United States Pharmacopoeia for "Oxidized Regenerated Cellulose". REOXCEL-Sigma Knit Absorbable Haemostat does not contain any animal or collagen additives.

REOXCEL-Sigma Knit Absorbable Haemostat can be laid on, held against, closed exactly or sutured to a bleeding surface. REOXCEL-Sigma Knit Absorbable Haemostat is applied as dry. Action mechanism of REOXCEL-Sigma Knit Absorbable Haemostat is independent from blood coagulation mechanism of the body. REOXCEL-Sigma Knit Absorbable Haemostat forms a brownish or black gelatinous mass which aids clot formation in 3-4 minutes when it contacts with blood. This gelatinous mass acts as a physical matrix to which platelets can adhere. With platelet aggregation and formation of platelet-fibrin plug, haemostasis occurs. REOXCEL-Sigma Knit Absorbable Haemostat is absorbed from the sites of implantation without tissue reaction when it is used properly in minimal amounts. Absorption depends on; tissue type, haemostat amount used and saturation degree of blood. It is completely absorbed in 7-14 days. REOXCEL-Sigma Knit Absorbable Haemostat has been shown to be bactericidal in vitro against 40 types of Gr(+) (gram positive) and Gr(-) (gram negative) microorganisms including those of.

In addition, the bactericidal effect of REOXCEL-Sigma Knit Absorbable Hemostat has been shown by in vivo studies with MRSA (Methicillin-resistant Staphylococcus aureus) and E. coli (Escherichia coli).

## INDICATIONS

It is suitable for use in general surgery and digestive surgery, neurosurgery (especially cerebral operations), plastic surgery, orthopedy, gynecology, urology, stomatology, operations to the throat or nose, traumatology and all other branches of surgery such as cardiovascular surgery, implantation of vascular prostheses, surgery to the face and jaw, lung operations, haemorrhoidectomy, biopsies, liver and gail baldder operations, gastric resection, thoracic and abdominal sympathectomies. REOXCEL SIGMA KNIT Absorbable Haemostat can be applied into cavities (after extirpation of tumors) as well as endoscopic interventions or dental praxis.

General Surgical	Digestive Surgery	Neurosurgery Operations	Plastic Surgery	Orthopedy Operations	Gynecology Operations	Urology Operations	Stomatology Operations
Throat Surgeries	Nose surgeries	Traumatology Surgical	Cardiovascular Surgery	Face and Jaw Surgery	Lung Operations	Haemorrhoidectomy Operations	Biopsi Operations

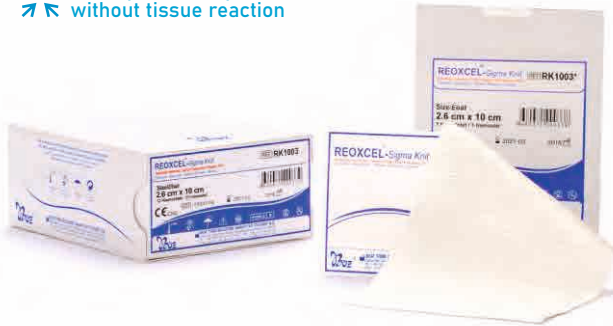
## Product Features

✓ Bactericidal Effect Against 40 Kind of Microorganisms

⌚ Clot Formation in 3-4 Minutes

📅 Completely Absorbed in 7-14 Days

➡ Absorption in implantation areas without tissue reaction

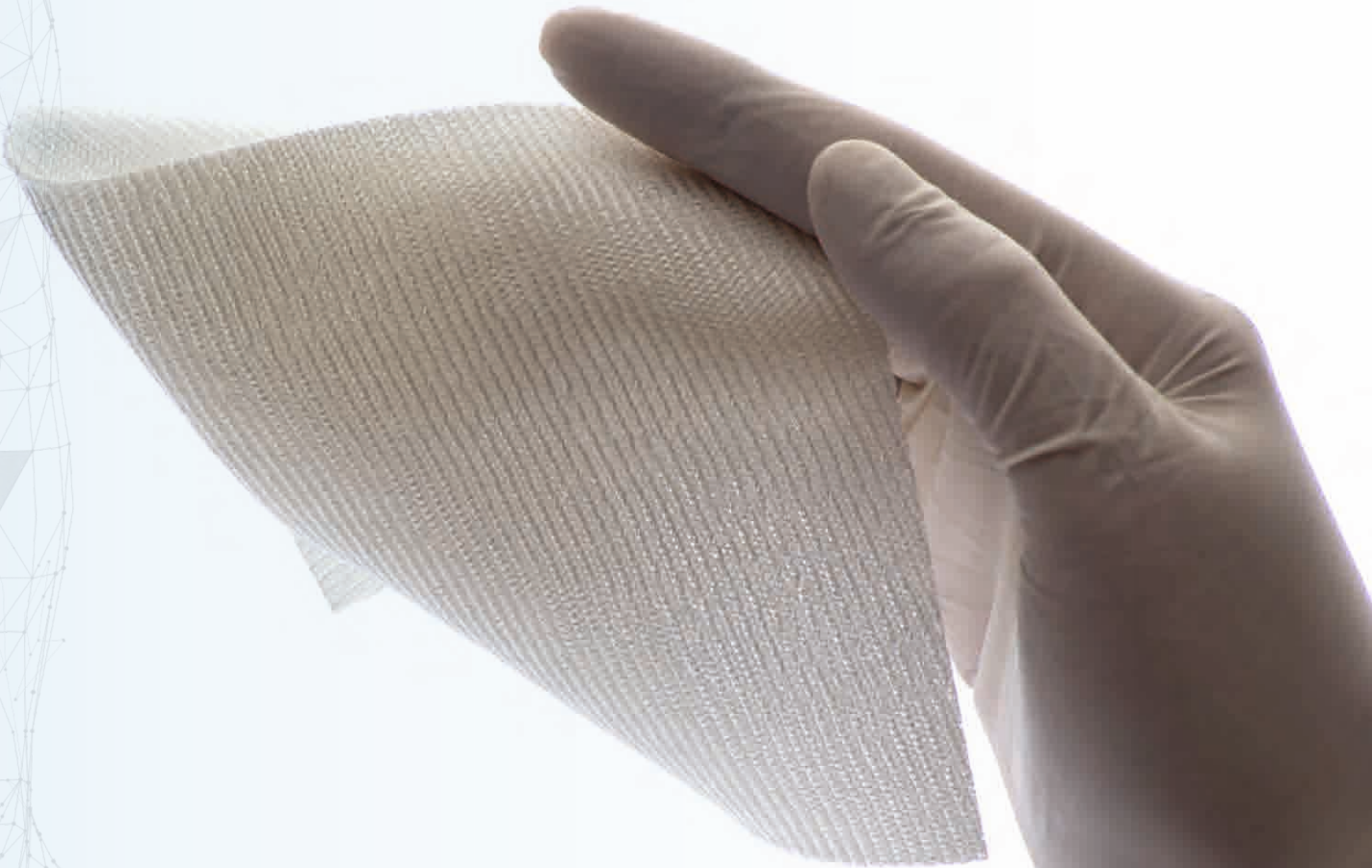


Product Code	Description of Product	Unit of Sale
RK1001	2.6cm x 2.6cm	12 Sachets er box
RK1003	2.6cm x 10cm	12 Sachets per box
RK2003	5cm x 7.5cm	12 Sachets per box
RK3004	7.6cm x 10.2cm	12 Sachets per box
RK6009	15.2cm x 23cm	10 Sachets per box
RK1001X	2.6cm x 2.6cm	10 Sachets per box
RK1003X	2.6cm x 10cm	10 Sachets per box
RK2003X	5cm x 7.5cm	10 Sachets per box
RK3004X	7.6cm x 10.2cm	10 Sachets per box

# Unmatched Stability Against Heavier Bleeding

# Safe Haemostasis Effective Against Bacteria

- Dense knit web, sustain surgical suture use
- Ideal web structure where wrapping is required





# REOXCEL® - Fibril

Absorbable Haemostat, Oxidized Regenerated Cellulose (ORC)

## DESCRIPTION

REOXCEL FIBRIL Absorbable Haemostat is a sterile haemostatic preparation available in the fibrous form and made of Oxidized Regenerated Cellulose (ORC) (polyanhydro glucuronic acid). REOXCEL FIBRIL Absorbable Haemostat complies with the requirements of the United States Pharmacopoeia for "Oxidized Regenerated Cellulose". REOXCEL FIBRIL Absorbable Haemostat does not contain any animal or collagen additives.

REOXCEL FIBRIL Absorbable Haemostat can be laid on, held against, closed exactly or sutured to a bleeding surface. REOXCEL FIBRIL Absorbable Haemostat is applied as dry. Action mechanism of REOXCEL FIBRIL Absorbable Haemostat is independent from blood coagulation mechanism of the body. REOXCEL FIBRIL Absorbable Haemostat forms a brownish or black gelatinous mass which aids clot formation in 3-4 minutes when it contacts with blood. This gelatinous mass acts as a physical matrix to which platelets can adhere. With platelet aggregation and formation of platelet-fibrin plug, haemostasis occurs. REOXCEL FIBRIL Absorbable Haemostat is absorbed from the sites of implantation without tissue reaction when it is used properly in minimal amounts. Absorption depends on; tissue type, haemostat amount used and saturation degree of blood. It is completely absorbed in 7-14 days. REOXCEL FIBRIL Absorbable Haemostat has been shown to be bactericidal in vitro against 40 types of Gr(+) (gram positive) and Gr(-) (gram negative) microorganisms including those of.

In addition, the bactericidal effect of REOXCEL FIBRIL Absorbable Hemostat has been shown by in vivo studies with MRSA (Methicillin-resistant Staphylococcus aureus) and E. coli (Escherichia coli).

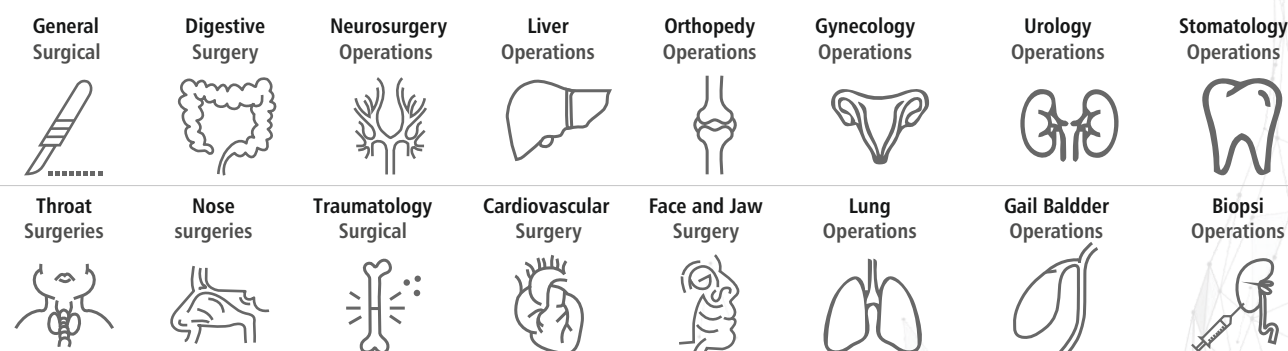
## INDICATIONS

It is suitable for use in general surgery and digestive surgery, neurosurgery (especially cerebral operations), plastic surgery, orthopedy, gynaecology, urology, stomatology, operations to the throat or nose, traumatology and all other branches of surgery such as cardiovascular surgery, implantation of vascular prostheses, surgery to the face and jaw, lung operations, haemorrhoidectomy, biopsies, liver and gail baldder operations, gastric resection, thoracic and abdominal sympathectomies. REOXCEL FIBRIL Absorbable Haemostat can be applied into cavities (after extirpation of tumors) as well as endoscopic interventions or dental praxis.

# All-Round Performance

## Safe Haemostasis Effective Against Bacteria

- ▶ Thin layers of web adapt easily to uneven and hard to
- ▶ Moistened light layer web allows bipolar cauter use
- ▶ Range of diverse forms; Light single layers, Roll, Pad, Tufts



## Product Features

✓ Bactericidal Effect Against 40 Kind of Microorganisms

⌚ Clot Formation in 3-4 Minutes

📅 Completely Absorbed in 7-14 Days

➡ Absorption in implantation areas without tissue reaction

Product Code Description of Product Unit of Sale

RF1002 2.6cm x 5.1cm 10 Sachets per box

RF2003 5cm x 7.5cm 10 Sachets per box

RF2004 5.1cm x 10.2cm 10 Sachets per box

RF3003 7.5cm x 7.5cm 10 Sachets per box

RF4004 10.2cm x 10.2cm 10 Sachets per box





# ZEOCEL®

Absorbable Haemostat, Oxidized Cellulose (OC)

## DESCRIPTION

ZEOCEL Absorbable Haemostat is a woven sterile hemostatic agent formed of oxidized cellulose (OC) (polyanhydro glucuronic acid). It has been manufactured from alpha grade cotton. Agent is a pale yellow material and has a caramel like smell. As it is stored in controlled room temperature, there might be a slight change in color in time but this does not effect the performance of the material. ZEOCEL Absorbable Haemostat complies with the requirements of the United States Pharmacopoeia for "Oxidized Cellulose". ZEOCEL Absorbable Haemostat does not contain any animal or collagen additives.

ZEOCEL Absorbable Haemostat can be applied to bleeding surface in different forms. The haemostatic agent material can be closed exactly, pressured against or sutured to the desired usage area. ZEOCEL Absorbable Haemostat should be used as dry. . Action mechanism of OC ZEOCEL Absorbable Haemostats is independent from blood coagulation mechanism of the body. ZEOCEL Absorbable Haemostats form a brownish or black gelatinous mass which aids clot formation in 3-4 minutes when it contacts with blood. This gelatinous mass acts as a physical matrix to which platelets can adhere. With platelet aggregation and formation of platelet-fibrin plug, haemostasis occurs When ZEOCEL Absorbable Haemostat is used only as needed, it will be absorbed from the site of usage without tissue reaction. Absorption of the haemostatic agent from the used site depends on the amount of haemostatic agent used, tissue type and blood saturation degree. The material will be fully absorbed in 7-14 days.

ZEOCEL Absorbable Haemostat has been shown to be bactericidal in vitro against 40 types of Gr(+) (gram positive) and Gr(-) (gram negative) microorganisms including those of.

## INDICATIONS

ZEOCEL Absorbable Haemostat can be used when other methods of haemostatic procedures are not usable. ZEOCEL Absorbable Haemostat can be used in many types of surgeries including but not limited to general surgery, digestive surgery, plastic surgery, orthopedy, gynaecology, urology, stomatology, traumatology and all other branches of surgery. Haemostat can be used to fill cavities formed by removal of tumors during surgeries as well as endoscopic interventions and dental praxis.

General  
Surgical



Digestive  
Surgery



Plastic  
Surgery



Orthopedy  
Operations



Gynecology  
Operations



Urology  
Operations



Stomatology  
Operations



Traumatology  
Surgical



## Product Features

✓ Bactericidal Effect Against 40 Kind of Microorganisms

⌚ Clot Formation in 3-4 Minutes

📅 Completely Absorbed in 7-14 Days

➡ Absorption in implantation areas  
➡ without tissue reaction



Product Code	Description of Product	Unit of Sale
ZC0502	1,25cm x 5cm	12 Sachets per box
ZC1001	2,5cm x 2,5cm	12 Sachets per box
ZC1002	2,5cm x 5cm	12 Sachets per box
ZC2003	5cm x 7,5cm	12 Sachets per box
ZC2004	5cm x 7cm	12 Sachets per box
ZC2014	5cm x 35cm	12 Sachets per box
ZC3004	7,5cm x 10cm	12 Sachets per box
ZC4004	10cm x 10cm	12 Sachets per box
ZC4008	10cm x 20cm	12 Sachets per box
ZC6009	15cm x 23cm	12 Sachets per box
ZC0502X	1,25cm x 5cm	10 Sachets per box
ZC1001X	2,5cm x 2,5cm	10 Sachets per box
ZC1002X	2,5cm x 5cm	10 Sachets per box
ZC2003X	5cm x 7,5cm	10 Sachets per box
ZC2004X	5cm x 7cm	10 Sachets per box
ZC2014X	5cm x 35cm	10 Sachets per box
ZC3004X	7,5cm x 10cm	10 Sachets per box
ZC4004X	10cm x 10cm	10 Sachets per box
ZC4008X	10cm x 20cm	10 Sachets per box
ZC6009X	15cm x 23cm	10 Sachets per box

# Absorbable Haemostat

## Safe Haemostasis Effective Against Bacteria





Hemostats are medical materials used for stopping major and minor bleeding after internal and external injuries, ruptures, splits, traumatic cuts, dental operations, surgical, or spontaneous interventions. These materials are also known as hemostatic agent, hemostatic plug, hemostatic matrix, styptic, and astringent.

Structure of our hemostates are resistant against bacteria. Our absorbable hemostats have bactericidal effects against majority of pathogen microorganisms.

Absorbable hemostats that we manufacture have highly strong texture. Strong texture of our hemostats prevent any type of rupture in surgical interventions.

Boz Medical hemostats stop bleeding in approximately 3-4 minutes and absorbed in implantation areas within 7-14 days without any

Haemostats	REOXCEL <sup>®</sup>	REOXCEL <sup>®</sup> - Sigma Knit	REOXCEL <sup>®</sup> - Fibril	ZEOCEL <sup>®</sup>
Description	Loose knit of ORC	Densely woven knit of ORC	Soft, lightweight, layered ORC	Plain Form OC
Brand	REOXCEL	REOXCEL	REOXCEL	ZEOCEL
Absorption Time	7-14 days	7-14 days	7-14 days	7-14 days
Storage Requirements	Store at controlled room temperature (max 25°C)	Store at controlled room temperature (max 25°C)	Store at controlled room temperature (max 25°C)	Store at controlled room temperature (max 25°C)
Shelf Life	3 Years	3 Years	3 Years	2 Years
Material/Composition	Oxidized Regenerated Cellulose	Oxidized Regenerated Cellulose	Oxidized Regenerated Cellulose	Oxidized Cellulose
Category	Adjunctive Hemostasis	Adjunctive Hemostasis	Adjunctive Hemostasis	Adjunctive Hemostasis
Bacteria that are Effective	<div> <div> Staphylococcus aureus  Metilicin Resistant Staphylococcus epidermidis (MRSE)  Metilicin Resistant Staphylococcus aureus (MRSA)  Staphylococcus epidermidis  Micrococcus luteus  Vancomycin Resistant Enterococcus sp (VRE)  Peniciline Resistant Streptococcus pneumonie (PRSP)  Enterococcus faecalis  Enterococcus faecium  Enterococcus sp.  Streptococcus pyogenes Group A  Streptococcus pyogenes Group B  Streptococcus salivarius  Corynebacterium xerosis </div> <div> Escherichia coli  Salmonella typhimurium  Proteus mirabilis  Proteus vulgaris  Shigella boydii  Shigella flexinerii  Shigella dysenteriae  Salmonella enteritidis  Bacteroides fragilis  Lactobacillus casei  Lactobacillus sp.  Pseudomonas aeruginosa  Pseudomonas stutzeri  Enterobacter cloacae </div> <div> Klebsiella pneumonie  Klebsiella aerogenes  Bacillus subtilis  Branhamella catarrhalis  Serratia Marcescens  Clostridium perfringes  Clostridium tetani  Listeria monocytogenes  Bordatella pertusis  MOT (Mycobacterium Other than Tuberculosis)  Mycobacterium phlei  Streptococcus faecalis </div> </div>			
<p><b>Note:</b> REOXCEL, REOXCEL-Sigma Knit and REOXCEL-Fibril Absorbable Haemostat is designed to arrest capillary bleeding and bleeding from parenchymatous organs and resection areas at surgical interventions.</p>				

**Note:**