

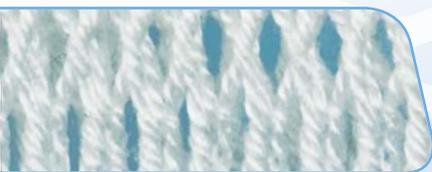


## Oxidized Resorbable Cellulose



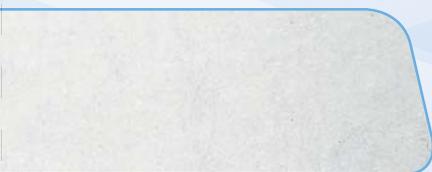
### OKCEL® H-T

ORIGINAL TEXTILE FORM OF OXIDIZED CELLULOSE



### OKCEL® H-D

HEAVY DUTY TEXTILE FORM OF OXIDIZED CELLULOSE



### OKCEL® F

COTTON WOOL FORM OF OXIDIZED CELLULOSE

MODERN ASSISTANT, TRADITIONAL QUALITY, COMPREHENSIVE RANGE



## Material Information

Oxidized cellulose has been under investigation for more than 50 years. It is known as a biodegradable, bioresorbable and biocompatible polymer with no adverse reaction to the body. Thanks its bactericidal effect against a wide range of pathogenic microorganisms and its healing effects, oxidized cellulose is important for a wide range of medical applications. Furthermore it is used in various branches of commerce (e. g. the cosmetic and food industry). Products consisting of oxidized cellulose are commonly used as haemostatic agents, wound dressings, adhesion prevention devices, absorbable surgical suture materials, bodying agents in the preparation of cosmetic and pharmaceutical preparations, deodorants for absorbent pads, medical lubricants for surgical gloves, drug carriers, superabsorbents etc. Some new possible applications are still being explored.



## Product Information

Synthesia is one of the world producers of oxidized cellulose for biomedical and technical application. Synthesia sells its products under the trade name OKCEL®. Synthesia produces and sells oxidized cellulose in several known physical forms (textile form, powder, compound material and others) and can offer various chemical modifications of oxidized cellulose. We can tailor properties of our OKCEL® according to customer requirements.



## Human Medicine and Surgery

Topical Absorbable Haemostat OKCEL® is perfectly accepted by organism and absorbed. It rapidly stops bleeding by acting as a matrix for formation of a clot and is suitable for wound healing (protecting against infection and promoting tissue regeneration).





## OKCEL<sup>®</sup> H-T (original textile form of oxidized cellulose)

OKCEL<sup>®</sup> H-T is textile material of yellowish colour. This knitted regular density version of the absorbable haemostatic material is used to control capillary bleeding, as well as small venous or arteriolar bleeding during surgical procedures and minimal invasive procedures.

ITEM	FORMAT SIZE
OKCEL H-T 501	5 x 1.25 cm
OKCEL H-T 507	5 x 7 cm
OKCEL H-T 510	7 x 10 cm
OKCEL H-T 535	5 x 35 cm
OKCEL H-T 540	10 x 20 cm
OKCEL H-T 101	1.5 x 1.5 cm



## OKCEL<sup>®</sup> H-D (heavy duty textile form of oxidized cellulose)

OKCEL<sup>®</sup> H-D is a knitted, high density version of the absorbable haemostatic material with greater thickness and improved endurance. It can be used to control higher volume diffusion, venous or arteriolar bleeding during surgical procedures and minimal invasive procedures when ligation or other conventional methods of haemostasis control are not suitable.

ITEM	FORMAT SIZE
OKCEL H-D 202	2.5 x 2.5 cm
OKCEL H-D 209	2.5 x 9 cm
OKCEL H-D 710	7 x 10 cm
OKCEL H-D 1420	14 x 20 cm



## OKCEL<sup>®</sup> F (cotton wool form of oxidized cellulose)

OKCEL<sup>®</sup> F is a non-woven, cotton wool version of the absorbable haemostatic material with reduced weight and extremely high flexibility, used to create haemostasis over large areas, surface applications or for use in sites with difficult approaches.

ITEM	FORMAT SIZE
OKCEL F 205	2.5 x 5 cm
OKCEL F 506	5 x 6 cm
OKCEL F 510	5 x 10 cm
OKCEL F 1010	10 x 10 cm

## Other Products

### OKCEL<sup>®</sup> Ca-L (calcium salt of oxidized cellulose, powder form)

OKCEL<sup>®</sup> Ca-L is material of white to light yellowish colour. It can be used as a powder or spray for stopping bleeding in first aid, e. g. for small bleeding, minor cuts, grazes or abrasions. It stops bleeding very quickly by accelerating the natural clotting mechanism. OKCEL<sup>®</sup> Ca-L prevents infection, is well tolerated by the organism and quickly absorbed. It can be used as a component for haemostatic plasters for the treatment of small wounds.

### OKCEL<sup>®</sup> H-L (linter acid form of oxidized cellulose)

OKCEL<sup>®</sup> H-L is a yellowish light powder, rough in touch and insoluble in water. It is absorbed without any residues inside the human body and during its decay non-toxic products are generated. It is antibacterial thanks to a low pH. OKCEL<sup>®</sup> H-L is used as an excipient or disintegrant for pills in the pharmaceutical industry.

Distributed by

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