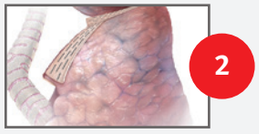
# GENERAL SURGICAL PORTFOLIO REFERENCE GUIDE

GORE
Creative Technologies Worldwide

# Gore's bioabsorbable web technology clinical history

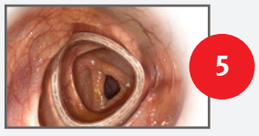
## More than 20 years of experience

### Staple line reinforcement

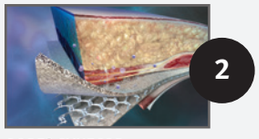


GORE® SEAMGUARD®
Staple Line Reinforcement


### Soft tissue reinforcement and hernia repair

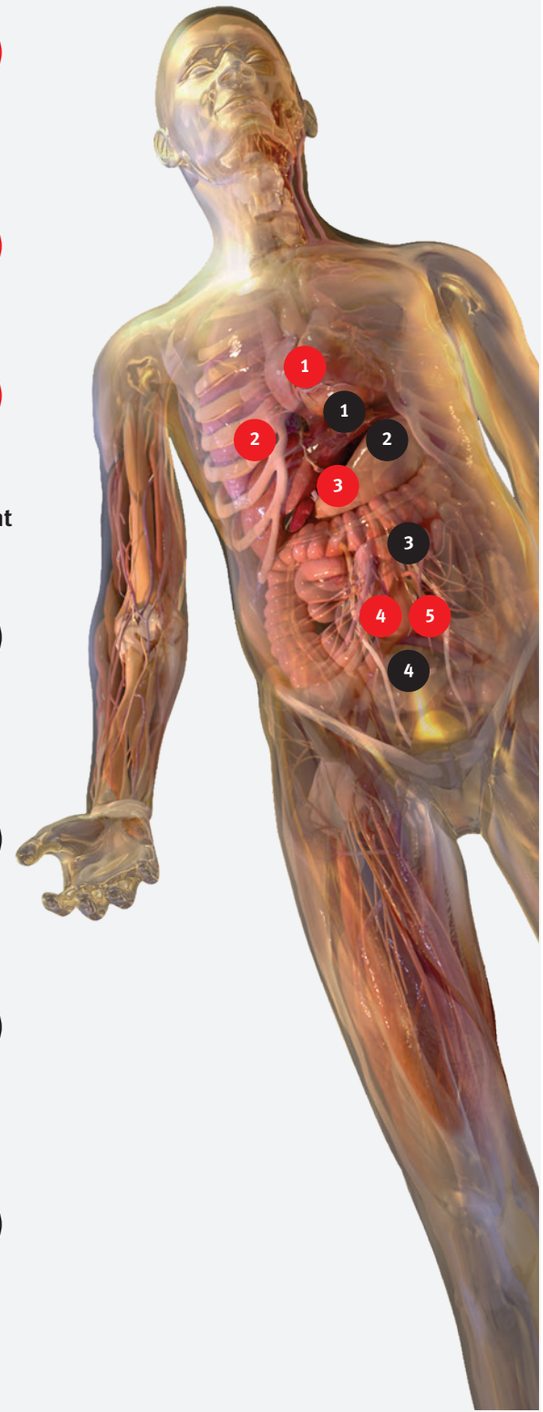

GORE® SYNECOR
Intraperitoneal Biomaterial




GORE® SYNECOR
Preperitoneal Biomaterial


GORE® BIO-A®
Tissue Reinforcement


GORE® ENFORM Intraperitoneal
/ Preperitoneal Biomaterial




## BARIATRICS — STAPLE LINE REINFORCMENT



## HERNIA REPAIR AND ABDOMINAL WALL RECONSTRUCTION (AWR)



## HERNIA, OTHER SOFT TISSUE RECONSTRUCTION



## SUTURE

# GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement Material

*Configured for Endoscopic Surgical Staplers or Configured for Intuitive Surgical® Robotic Endoscopic Surgical Stapler**

A synthetic buttressing material engineered to **reduce perioperative leaks and bleeding** in staple line formation

## FOCUS APPLICATIONS

- Bariatric surgery such as sleeve gastrectomy, Roux-en-Y gastric bypass, mini gastric bypass, duodeno-ileal bypass, biliopancreatic bypass

| SOLUTION FOR | PRODUCT REPLACEMENT† |
|---|---|
| • Bariatric surgeons<br>• General surgeons<br>• Thoracic surgeons | • BAXTER PERI-STRIPS DRY® with VERITAS® Collagen Matrix Staple Line Reinforcement<br>• MEDTRONIC ENDO GIA Reinforced Reload with TRI-STAPLE Technology |

## PRODUCT CONSTRUCT

- Bioabsorbable Polyglycolic Acid: Trimethylene Carbonate (PGA:TMC) implant material is held into the form of sleeves using non-absorbable polyester braided suture, which is ultimately removed and discarded
- Each part consists of one cartridge device and one anvil device loaded on TYVEK® Inserts to facilitate placement onto the jaws of surgical staplers

## SIZES

| |
|---|
| Configurations specific to staple height and stapler brand /design for 45 and 60 mm stapler lengths. GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement Configured For Intuitive Surgical® Robotic Endoscopic Surgical Staplers is only available in 60 mm configuration. |
| Available for select Covidien, Ethicon and Intuitive staplers |
| Average thickness of anvil plus cartridge is 0.4 mm, with a maximum of 0.5 mm |
| 1 or 12 parts per box |

**INDICATIONS FOR USE –** GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement is indicated for use in surgical procedures in which soft tissue transection or resection with staple line reinforcement is needed. GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement can be used for reinforcement of staple lines during lung resection, bronchial, bariatric, colon, colorectal, gastric, mesentery, pancreas and small bowel procedures.

**CONTRAINDICATIONS –** Not for the patch reconstruction of cardiovascular defects such as cardiac, great vessel and peripheral vascular arteries or veins. Refer to *Instructions for Use* at goremedical.com for a complete description of all warnings, precautions and contraindications. ℞ Only

* See full product IFUs on Goremedical.com as differences exist between GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement Material Configured for Endoscopic Surgical Staplers and GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement Material Configured for Intuitive Surgical® Robotic Endoscopic Surgical Staplers.

† Based on patient selection criteria, clinicians may utilize GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement in place of the listed products.





BARIATRICS — STAPLE LINE REINFORCMENT

# GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement Material

*Configured for Circular Surgical Staplers*

A synthetic buttressing material engineered to **reduce perioperative leaks and bleeding** in staple line formation.

## FOCUS APPLICATIONS

- Roux-en-Y gastric bypass
- Intestine resection
- Colon resection

| SOLUTION FOR | PRODUCT REPLACEMENT‡ |
|---|---|
| • General surgeons<br>• Colorectal surgeons<br>• Bariatric surgeons | • BAXTER PERI-STRIPS DRY® Staple Line Reinforcement |

## PRODUCT CONSTRUCT

- Preformed porous bioabsorbable discs with detachable adhesive-backed tabs
- Anvil and cartridge components identical
- Implant is a porous fibrous structure composed solely of a synthetic bioabsorbable PGA:TMC
- Devices sized ≤ 25 mm are provided with a disposable introducer sleeve as an optional accessory

## SIZES

| |
|---|
| Configurations specific to stapler diameter and brand /design |
| Available for select Covidien and Ethicon staplers |
| 0.25 mm thick |

**INDICATIONS FOR USE –** GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement is indicated for use in surgical procedures in which a soft tissue anastomosis with staple line reinforcement is needed. GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement can be used for reinforcement of staple lines during bariatric, colon, colorectal, gastric and small bowel procedures.

**CONTRAINDICATIONS –** Not for the reconstruction of cardiovascular defects such as cardiac, great vessel and peripheral vascular arteries or veins. Refer to *Instructions for Use* at goremedical.com for a complete description of all warnings, precautions and contraindications. ℞ Only

**20 years**
of clinical history

‡ Based on patient selection criteria, clinicians may utilize GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement in place of the listed products.

# GORE® ENFORM Biomaterial

Soft, conformable, tailorable, tissue reinforcement device **designed to achieve abdominal wall repair by contributing to highly vascularized quality tissue** and improved wound healing via an acellular matrix that augments tissue infiltration, integration, and regeneration.

### FOCUS APPLICATIONS

- Abdominal wall reconstruction
- Hernia repair
- Muscle flap (i.e. TRAM, DIEP) procedures

### SOLUTION FOR

- Plastic surgeons
- General surgeons
- Colorectal surgeons
- Bariatric surgeons
- Trauma surgeons

### PRODUCT REPLACEMENT*

*(see Value Analysis Committee (VAC) Kit)†*

- ALLERGAN STRATTICE Reconstructive Tissue Matrix
- BD® PHASIX Mesh and BD® PHASIX ST Mesh
- ETHICON FLEXHD® Acellular Hydrated Dermis
- ACELL MATRISTEM® Surgical Matrix
- ALLERGAN ALLODERM Regenerative Tissue Matrix

### PRODUCT CONSTRUCT

- A fully absorbable device comprised of our unique 3D PGA:TMC bioabsorbable technology
- **Ingrowth surface(s):** textured porous fibrous bioabsorbable PGA:TMC web
- **Intraperitoneal configurations only — visceral surface:** smooth, non-textured, perforated bioabsorbable PGA:TMC film. The smooth film side serves to minimize tissue attachment to the device.
- Both preperitoneal and intraperitoneal configurations have a material thickness of ~2.2 mm‡

### TROCAR COMPATIBILITY EVALUATION

| Device size (cm x cm) | Trocar size (mm) 5 | 8 | 10 | 11 | 12 | 15 |
|---|---|---|---|---|---|---|
| 6 x 16 | | | | | | |
| 8 x 16 | | | | | | |
| 10 x 10 | Not evaluated | | | | | |
| 10 x 16 | | | | | | |
| 16 x 20 | | | | | | |
| 20 x 20 | Not evaluated | | | | | |
| 20 x 25 | | | | | | |
| 20 x 30 | N / A – For use in open procedures | | | | | |
| 20 x 40 | | | | | | |
| 25 x 40 | | | | | | |
| 30 x 30 | | | | | | |
| 30 x 40 | | | | | | |

Not compatible  Compatible

* Based on patient selection criteria, clinicians may utilize GORE® ENFORM Biomaterial in place of the listed products.
† More product replacement information is available in the VAC kit. Please ask your local Gore technical sales associate for more information.
‡ Nominal



HERNIA REPAIR AND AWR


GORE® ENFORM Intraperitoneal Biomaterial

GORE® ENFORM Preperitoneal Biomaterial

### CONFIGURATIONS

Configurations include solutions for both intraperitoneal and preperitoneal placement.

| GORE® ENFORM Preperitoneal Biomaterial | | | |
|---|---|---|---|
| Catalogue number | Size (cm x cm) | Catalogue number | Size (cm x cm) |
| GBWR0616 | 6 x 16 | GBWR2025 | 20 x 25 |
| GBWR0816 | 8 x 16 | GBWR2030 | 20 x 30 |
| GBWR1010 | 10 x 10 | GBWR2040 | 20 x 40 |
| GBWR1016 | 10 x 16 | GBWR2540 | 25 x 40 |
| GBWR1620 | 16 x 20 | GBWR3030 | 30 x 30 |
| GBWR2020 | 20 x 20 | GBWR3040 | 30 x 40 |

| GORE® ENFORM Intraperitoneal Biomaterial | | | |
|---|---|---|---|
| Catalogue number | Size (cm x cm) | Catalogue number | Size (cm x cm) |
| GBFR0816 | 8 x 16 | GBFR2025 | 20 x 25 |
| GBFR1016 | 10 x 16 | GBFR2540 | 25 x 40 |
| GBFR1620 | 16 x 20 | | |

**INDICATIONS FOR USE –** The GORE® ENFORM Preperitoneal / Intraperitoneal Biomaterial is indicated for use in the reinforcement of soft tissue. This includes use in patients requiring soft tissue reinforcement in plastic and reconstructive surgery. Examples of applications where the GORE® ENFORM Preperitoneal Biomaterial may be used include hernia repair as suture-line reinforcement, muscle flap reinforcement and general tissue reconstructions.

**CONTRAINDICATIONS –** The GORE® ENFORM Preperitoneal / Intraperitoneal Biomaterial is contraindicated for use in reconstruction of cardiovascular defects. Because GORE® ENFORM Intraperitoneal Biomaterial is absorbable, it is contraindicated for use in patients requiring permanent support from the device. Refer to *Instructions for Use* at goremedical.com for a complete description of all warnings, precautions and contraindications. ℞ Only

**Features our unique 3D PGA:TMC bioabsorbable technology**

# GORE® BIO-A® Tissue Reinforcement

## *Small sizes – Focus on hiatal configuration*

**Better outcomes. Reinforced by data.**
Features our unique 3D PGA:TMC bioabsorbable technology, which is a bioabsorbable reinforcement and is a tissue-building scaffold with a targeted absorption period of six to seven months. Avoid risks for long-term mesh related complications with permanent polypropylene / polyester mesh or long term resorbable mesh (BD® PHASIX ST Mesh).

### FOCUS APPLICATIONS

Paraesophageal / hiatal hernia repair

| SOLUTION FOR | PRODUCT REPLACEMENT* *(see VAC Kit)* |
|---|---|
| • General surgeons | • BD® PHASIX ST Mesh |
| • Bariatric surgeons | • COOK® BIODESIGN® Advanced Tissue Repair |
| | • NOVUS SCIENTIFIC TIGR® Resorbable Matrix |
| | • ETHICON VICRYL® Woven Mesh |

### PRODUCT CONSTRUCT

- Comprised of synthetic bioabsorbable PGA:TMC
- Textured porous fibrous web surface on both surfaces
- Nominal 1.7 mm thick (HH0710 device is 1 mm thick)

### SIZES

| Catalogue number | Size (cm x cm) |
|---|---|
| HH0710 | 7 x 10 (Hiatal hernia configuration) |
| FS0808 | 8 x 8 |
| FS0915 | 9 x 15 |

**INDICATIONS FOR USE –** The GORE® BIO-A® Tissue Reinforcement is intended for use in the reinforcement of soft tissue. An example of an application where the GORE® BIO-A® Tissue Reinforcement may be used is hernia repair as suture line reinforcement.

**CONTRAINDICATIONS –** Not for reconstruction of cardiovascular defects. Refer to *Instructions for Use* at goremedical.com for a complete description of all warnings, precautions and contraindications. ℞ Only

**10 years** of positive clinical results

* Based on patient selection criteria, clinicians may utilize GORE® BIO-A® Tissue Reinforcement in place of the listed products.

BD and PHASIX ST are trademarks of Becton, Dickinson and Company; COOK and BIODESIGN are trademarks of Cook Medical, Inc; NOVUS SCIENTIFIC and TIGR are trademarks of Novus Scientific; ETHICON and VICRYL are trademarks of Ethicon, Inc.



HERNIA REPAIR AND AWR

# GORE® BIO-A® Tissue Reinforcement

## *Large sizes*

**Better outcomes. Reinforced by data.**
Features our unique 3D PGA:TMC bioabsorbable technology. This is a tissue-building scaffold with a targeted absorption period of six to seven months. Avoid risks for long-term mesh related complications with permanent polypropylene / polyester mesh or long term resorbable mesh (BD® PHASIX Mesh and BD® PHASIX ST Mesh).

### FOCUS APPLICATIONS

- Abdominal wall reconstruction (including high risk patients)
- Ventral / Incisional hernia repair

| SOLUTION FOR | PRODUCT REPLACEMENT† *(see VAC Kit)* |
|---|---|
| • General surgeons | • BD® PHASIX Mesh |
| | • BD® PHASIX ST Mesh |
| | • NOVUS SCIENTIFIC TIGR® Resorbable Matrix |
| | • ETHICON VICRYL® Woven Mesh |

### PRODUCT CONSTRUCT

- Comprised of synthetic bioabsorbable PGA:TMC
- Textured porous fibrous web surface on both surfaces
- Nominal 1.7 mm thick

### SIZES

| Catalogue number | Size (cm x cm) |
|---|---|
| FS1030 | 10 x 30 |
| FS2020 | 20 x 20 |
| FS2030 | 20 x 30 |

**INDICATIONS FOR USE –** The GORE® BIO-A® Tissue Reinforcement is intended for use in the reinforcement of soft tissue. An example of an application where the GORE® BIO-A® Tissue Reinforcement may be used is hernia repair as suture line reinforcement.

**CONTRAINDICATIONS –** Not for reconstruction of cardiovascular defects. Refer to *Instructions for Use* at goremedical.com for a complete description of all warnings, precautions and contraindications. ℞ Only

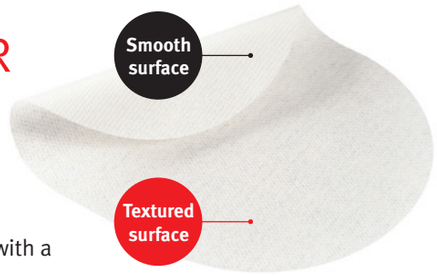
**Complex and high-risk repairs**
**Ventral hernia**
**Hiatal hernia**
**Demonstrated economic value**

- **MORE** than 150 publications
- **LOW** recurrence rates in hiatal hernias
- **LOW** recurrence rates in complex ventral hernias
- **OVER** 1,700 patients in the clinical literature
- **NO** long-term mesh-related complications

† Based on patient selection criteria, clinicians may utilize GORE® BIO-A® Tissue Reinforcement in place of the listed products.

BD, PHASIX and PHASIX ST are trademarks of Becton, Dickinson and Company; NOVUS SCIENTIFIC and TIGR are trademarks of Novus Scientific; ETHICON and VICRYL are trademarks of Ethicon, Inc.

# GORE® SYNECOR Intraperitoneal Biomaterial




**High strength. Rapid vascularity.**
Unique hybrid (tri-layer) solution with a film for visceral protection.

## FOCUS APPLICATIONS

Intraperitoneal mesh placement, when there is a need for permanent strength, during:

- Laparoscopic and open ventral hernia repair including robotic procedures
- High-risk ventral hernia repair
- For bridging, where there is a need for permanent strength

| SOLUTION FOR | PRODUCT REPLACEMENT* *(see VAC Kit)* |
|---|---|
| • General surgeons<br>• Plastic surgeons<br>• Trauma surgeons | • BD® VENTRALIGHT ST Mesh<br>• MEDTRONIC SYMBOTEX Composite Mesh<br>• MEDTRONIC PARIETENE DS Composite Mesh<br>• MEDTRONIC PROGRIP Laparoscopic Self-Fixating Mesh<br>• ETHICON PROCEED® Surgical Mesh<br>• TELA BIO OVITEX Reinforced Scaffold |

## PRODUCT CONSTRUCT

- 3-layer composite hybrid biomaterial
- **Visceral surface:** nonporous bioabsorbable PGA:TMC film
- **Inner layer:** macroporous knit of dense, monofilament Polytetrafluoroethylene (PTFE) fibers
- **Ingrowth surface:** bioabsorbable PGA:TMC porous fibrous structure
- Nominal thickness between 0.5–0.8 mm

## SIZES

| Catalogue number | Size (cm x cm) | Catalogue number | Size (cm x cm) |
|---|---|---|---|
| GKFC12 | 12 cm circle | GKFR2025 | 20 x 25 |
| GKFV1015 | 10 x 15† | GKFR2030 | 20 x 30 |
| GKFV1520 | 15 x 20† | | |

## TROCAR COMPATIBILITY

GKFR2030 is designed to fit through a 12 mm trocar incision. Similar minimum trocar sizes to GORE® SYNECOR Preperitoneal Biomaterial could be recommended.

**INDICATIONS FOR USE –** The GORE® SYNECOR Intraperitoneal Biomaterial is intended for use in the repair of hernias and abdominal wall or thoracic wall soft tissue deficiencies that may require the addition of non-absorbable reinforcing or bridging material.

**CONTRAINDICATIONS –** Not for reconstruction of cardiovascular defects. Refer to *Instructions for Use* at goremedical.com for a complete description of all warnings, precautions and contraindications. ℞ Only

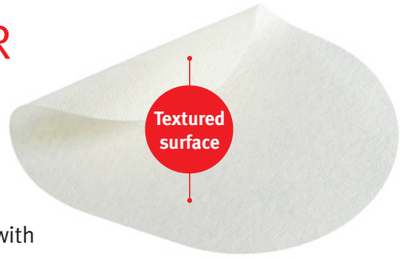
* Based on patient selection criteria, clinicians may utilize GORE® SYNECOR® Intraperitnoeal Biomaterial in place of the listed products.
† Oval





HERNIA REPAIR AND AWR

# GORE® SYNECOR Preperitoneal Biomaterial




**High strength. Rapid vascularity.**
Unique hybrid (tri-layer) solution with ingrowth on both sides.

## FOCUS APPLICATIONS

Preperitoneal, retromuscular, or onlay placement during open, laparoscopic or robotic procedures such as:

- Transversus abdominis release (TAR) procedure
- Component separation technique
- Preperitoneal ventral hernia repair
- High-risk ventral hernia repair when there is need for permanent strength (cannot get fascia closed and need to bridge a hernia defect)

| SOLUTION FOR | PRODUCT REPLACEMENT‡ *(see VAC Kit)* |
|---|---|
| • General surgeons<br>• Plastic surgeons<br>• Trauma surgeons | • ETHICON PROLENE® Soft Polypropylene Mesh<br>• ETHICON ULTRAPRO ADVANCED Macroporous Partially Absorbable Mesh<br>• BD® Soft Mesh<br>• MEDTRONIC VERSATEX Monofilament Mesh<br>• MEDTRONIC PARIETENE DS Composite Mesh |

## PRODUCT CONSTRUCT

- 3-layer composite hybrid biomaterial
- **Inner layer:** macroporous knit of dense, monofilament PTFE fibers
- **Ingrowth surfaces (outer layers):** bioabsorbable PGA:TMC porous fibrous structure
- Nominal thickness between 0.5–0.8 mm

## SIZES

| Catalogue number | Size (cm x cm) | Catalogue number | Size (cm x cm) |
|---|---|---|---|
| GKWV1015 | 10 x 15§ | GKWR2025 | 20 x 25 |
| GKWR1215 | 12 x 15 | GKWR2030 | 20 x 30 |
| GKWV1520 | 15 x 20§ | | |

## TROCAR COMPATIBILITY

| Device size (cm x cm) | Min trocar recommended size |
|---|---|
| 10 x 15 | 10 mm |
| 12 x 15 | 11 mm |
| 15 x 20 | 12 mm |
| 20 x 25 | 15 mm |
| 20 x 30 | 15 mm (wetting recommended) |

**INDICATIONS FOR USE –** The GORE® SYNECOR Preperitoneal Biomaterial is intended for use in the repair of hernias and abdominal wall soft tissue deficiencies that may require the addition of a non-absorbable reinforcing or bridging material.

**CONTRAINDICATIONS –** Not for reconstruction of cardiovascular defects. Refer to *Instructions for Use* at goremedical.com for a complete description of all warnings, precautions and contraindications. ℞ Only

‡ Based on patient selection criteria, clinicians may utilize GORE® SYNECOR® Preperitnoeal Biomaterial in place of the listed products.
§ Oval

# GORE-TEX® Soft Tissue Patch

Expanded PTFE (ePTFE) reinforcement designed for **permanent strength and host tissue incorporation for long-term performance** in demanding soft tissue repairs.

### FOCUS APPLICATIONS

- Chest wall reconstruction
- Diaphragmatic hernia
- Ventral hernia
- Gastroschisis
- Omphalocele

| SOLUTION FOR | PRODUCT REPLACEMENT* |
|---|---|
| • General surgeons | • BD® Mesh (formerly Marlex Mesh) |
| • Thoracic surgeons | • BD® RECONIX® ePTFE Reconstruction Patch |
| • Pediatric surgeons | |

### PRODUCT CONSTRUCT

- Made completely of ePTFE
- Both ingrowth surfaces are identical
- Available in 1 mm and 2 mm nominal thicknesses

### SIZES

| Catalogue number | Size (cm x cm) | Catalogue number | Size (cm x cm) |
|---|---|---|---|
| 1 mm thick | | | |
| 1405010010 | 5 x 10 | 1415020010 | 15 x 20 |
| 140501001B | 5 x 10 (inguinal configuration) | 1420030010 | 20 x 30 |
| 1405015010 | 5 x 15 | 142603401A | 26 x 34† |
| 1410015010 | 10 x 15 | | |
| 2 mm thick | | | |
| 1305010020 | 5 x 10 | 1315020020 | 15 x 20 |
| 1305015020 | 5 x 15 | 1320030020 | 20 x 30 |
| 1310015020 | 10 x 15 | 132603402A | 26 x 34† |

**INDICATIONS FOR USE –** Reconstruction of hernias and soft tissue deficiencies. 1 mm and 2 mm thicknesses are available. For full thickness or segmental wall defects, use of the GORE-TEX® Soft Tissue Patch 2 mm should be considered.

**CONTRAINDICATIONS –** Not for reconstruction of: Cardiovascular defects; Orthopedic defects, as the primary load bearing support for segmental replacement of tendons or ligaments; Passive biological membranes such as dura mater, pericardium, or peritoneum. Use of this product in applications other than those indicated has the potential for serious complications, such as aneurysm formation or undesired healing to surrounding tissues. Refer to *Instructions for Use* at goremedical.com for a complete description of all warnings, precautions and contraindications. ℞ Only

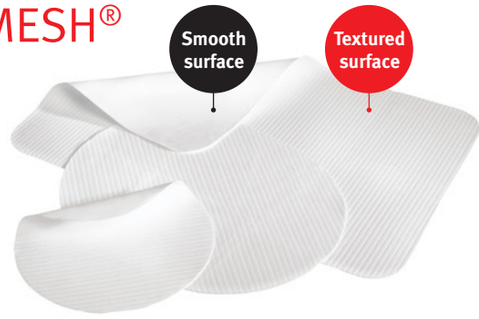
* Based on patient selection criteria, clinicians may utilize GORE-TEX® Soft Tissue Patch in place of the listed products.
† Oval

BD and RECONIX are trademarks of Becton, Dickinson and Company.



HERNIA, OTHER SOFT TISSUE RECONSTRUCTION

# GORE® DUALMESH® Biomaterial




First dual-surface material that **encourages host tissue ingrowth while minimizing tissue attachment.**

### FOCUS APPLICATIONS

- Diaphragmatic hernia
- Ventral / incisional hernia
- Chest wall reconstruction
- Open abdomen (temporary bridging)

| SOLUTION FOR | PRODUCT REPLACEMENT† |
|---|---|
| • General surgeons | • BD® DULEX Mesh |
| • Trauma surgeons | • BD® COMPOSIX E/X Mesh |
| • Thoracic surgeons | • BD® VENTRALEX® Hernia Patch |
| | • MEDTRONIC PARIETEX Composite Parastomal Mesh |

### PRODUCT CONSTRUCT

- Made completely of PTFE biomaterial
- One textured CORDUROY® Surface to encourage host tissue incorporation
- One smooth surface to minimize tissue attachment
- Available in 1 mm and 2 mm nominal thicknesses

### SIZES

| Catalogue number | Size (cm x cm) | Catalogue number | Size (cm x cm) |
|---|---|---|---|
| 1 mm thick | | | |
| 1DLMC02 | 8 x 12 | 1DLMC06 | 18 x 24 |
| 1DLMC03 | 10 x 15‡ | 1DLMC07 | 20 x 30 |
| 1DLMC04 | 15 x 19‡ | 1DLMC08 | 26 x 34‡ |
| 1DLMC05 | 7.5 x 10 | 1DLMC09 | 12 x 12 |
| 2 mm thick | | | |
| 1DLMC200 | 10 x 15‡ | 1DLMC203 | 20 x 30 |
| 1DLMC201 | 15 x 19‡ | 1DLMC204 | 26 x 34‡ |
| 1DLMC202 | 18 x 24 | | |

* Oval

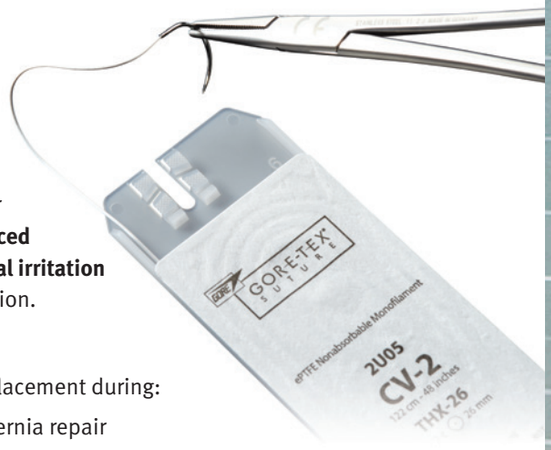
**INDICATIONS FOR USE –** Reconstruction of hernias and soft tissue deficiencies and for the temporary bridging of fascial defects.

**CONTRAINDICATIONS –** Use of this product in applications other than those indicated has the potential for serious complications, such as aneurysm formation or undesired healing to surrounding tissues. Refer to *Instructions for Use* at goremedical.com for a complete description of all warnings, precautions and contraindications. ℞ Only

† Based on patient selection criteria, clinicians may utilize GORE® DUALMESH® Biomaterial in place of the listed products.
‡ Oval

BD, COMPOSIX, DULEX, PHASIX, PHASIX ST, RECONIX, VENTRALEX and VENTRALIGHT ST are trademarks of Becton, Dickinson and Company; MEDTRONIC and PARIETEX are trademarks of Medtronic, Inc.

# GORE-TEX® Suture




A microporous, monofilament suture of flexible biomaterial for **excellent handling, reduced hole-leakage and minimal irritation** in soft tissue approximation.

## FOCUS APPLICATIONS

- Intraperitoneal mesh placement during:
- Laparoscopic ventral hernia repair
- Open ventral hernia repair
- High-risk ventral hernia repair
- When there is a need for permanent strength
- For Robotic Procedures

## SOLUTION FOR

- General surgeons
- Thoracic surgeons
- Plastic surgeons

## PRODUCT REPLACEMENT†

*(see full catalog for all options)*

- ETHICON PROLENE® Polypropylene Suture
- Any fixation method for hernia repair or abdominal wall reconstruction where permanent strength is desired

## PRODUCT CONSTRUCT

- Nonabsorbable, monofilament PTFE suture with porous microstructure, approximately 50% air by volume
- Strong and ductile 300 Series stainless steel alloy needles
- Needles approximate thread diameter, allowing suture to fill needle hole, reducing bleeding and time to hemostasis

## SIZES

| |
|---|
| Suture lengths: 18 / 24 / 30 / 36 / 42 / 48 inches |
| Thread sizes CV-8, CV-7, CV-6, CV-5, CV-4, CV-3, CV-2, CV-0 |
| Taper and piercing points, various needle shapes |
| Some parts available in a double-armed configuration and / or with 1:1 needle to thread ratio |

**INDICATIONS FOR USE –** The GORE-TEX® Suture is indicated for use in all types of soft tissue approximation, including use in cardiovascular surgery. It is recommended for use where reduced suture line bleeding during cardiovascular anastomotic procedures is desired.

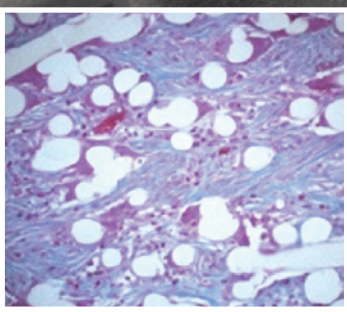
**CONTRAINDICATIONS –** This device is contraindicated for use in ophthalmic surgery, microsurgery and peripheral neural tissue. Refer to *Instructions for Use* at goremedical.com for a complete description of all warnings, precautions and contraindications. ℞ Only

## for **Robotic Procedures**

** Based on patient selection criteria, clinicians may utilize GORE-TEX® Suture in place of the listed products.

ETHICON and PROLENE are trademarks of Ethicon, Inc.

The success of more than 30 million clinical implants is evidence of the quality of Gore Medical Products. Our **innovative, ePTFE-based products** have demonstrated superior biocompatibility and inertness in a wide range of applications, including: cardiothoracic, vascular and endovascular surgery, neurosurgery, hernia repair and thoracic reconstruction.



**Our products composed of a unique 3D PGA:TMC bioabsorbable technology** degrade via a combination of hydrolytic and enzymatic pathways. The copolymer has been found to be both biocompatible and non-immunogenic. In vivo studies with this copolymer indicate the bioabsorption process should be complete by six to seven months.[1]

**All general surgical products included in this guide are manufactured in the United States at a Gore facility in Elkton, MD.**

None of the products listed above require refrigeration, pre-wetting or soaking. Products are completely synthetic and do not contain any human or animal derivatives. Hernia and soft tissue repair products can be trimmed with sharp surgical scissors.

See goremedical.com for all product IFUs as well as additional product reference materials.

GORE
Creative Technologies Worldwide

**W. L. Gore & Associates, Inc.**
Flagstaff, AZ 86004

+65.67332882 (Asia Pacific)
00800.6334.4673 (Europe)
928.779.2771 (United States)
800.437.8181 (United States)

**goremedical.com**

1. Katz AR, Mukherjee DP, Kaganov AL, Gordon S. A new synthetic monofilament absorbable suture made from polytrimethylene carbonate. Surgery, Gynecology & Obstetrics 1985;161(3):213-222.

Products listed may not be available in all markets.