

# SureWick™ Pad Materials

***For use as sample, conjugate or absorbent pads in diagnostic test strips***

- ▶ Available in rolls, sheets, or strips for batch or automated assembly
- ▶ Provides reliable, predictable sample flow and reagent delivery
- ▶ Consistent thickness and bed volume

Consistency in sample and conjugate pads impacts the performance of test strips used in diagnostic assay devices. Release of detector reagents and sample flow across lateral-flow membranes are both subject to variations in pad quality. Selecting the right pads for use in your device can help prevent inconsistent assay performance.

Millipore pads are available in a variety of widths and in sheets and rolls to suit a variety of manufacturing processes.

## Glass Fiber Conjugate Pads

Our glass fiber pads have low extractables and excellent consistency. Advances in the production of these glass fiber substrates ensure uniform surfaces and low cost.

## Sample and Absorbent Pads

Made from non-woven, 100% pure cellulose fiber, these pads can be used as sample or absorbent pads. As with our conjugate pads, these pads are manufactured to ensure consistency in your assay. Our pads do not contain binders or glues, which can interfere with assay performance.

## Specifications

Materials are available in slit rolls, sheets, or strips.

| Code   | Material  | Intended Use             | Thickness (mm) | Weight (g/m <sup>2</sup> ) | Flow Rate (mL/min) | Retention (µm) |
|--------|-----------|--------------------------|----------------|----------------------------|--------------------|----------------|
| G028   | Glass     | Conjugate pad            | 0.28           | 49                         | —                  | —              |
| G041*  | Glass     | Conjugate pad            | 0.41           | 75                         | —                  | —              |
| C048   | Cellulose | Absorbent/<br>sample pad | 0.48           | 179                        | 360                | 19             |
| C068   | Cellulose | Absorbent/<br>sample pad | 0.68           | 186                        | 260                | 22             |
| C083** | Cellulose | Absorbent/<br>sample pad | 0.83           | 291                        | 196                | 18             |
| C248   | Cellulose | Absorbent/<br>sample pad | 2.48           | 702                        | 220                | 14             |

\*Code changed from GFCP

\*\*Code changed from CFSP

## Ordering Information

| Description                                 |                    | Qty/Pk | Catalogue No. |
|---|--------------------|--------|---------------|
| <b>G041 Glass Fiber Conjugate Pads</b>      |                    |        |               |
| <b>Strips</b>                               | 10 mm x 300 mm     | 100    | GFCP1 030 00  |
| <b>Sheets</b>                               | 20 cm x 30 cm      | 100    | GFCP2 030 00  |
| <b>Rolls</b>                                | 8 mm x 50 meters   |        | GFCP0 008 50  |
|   | 8 mm x 100 meters  |        | GFCP0 008 00  |
|   | 10 mm x 50 meters  |        | GFCP0 010 50  |
|   | 10 mm x 100 meters |        | GFCP0 010 00  |
| <b>C083 Cellulose Absorbent Sample Pads</b> |                    |        |               |
| <b>Strips</b>                               | 17 mm x 300 mm     | 100    | CFSP1 730 00  |
|   | 20 mm x 300 mm     | 100    | CFSP2 030 00  |
| <b>Sheets</b>                               | 20 cm x 30 cm      | 100    | CFSP2 230 00  |
| <b>Rolls</b>                                | 20 mm x 100 meters |        | CFSP0 020 00  |
|   | 20 mm x 50 meters  |        | CFSP0 020 50  |
|   | 17 mm x 100 meters |        | CFSP0 017 00  |
|   | 17 mm x 50 meters  |        | CFSP0 017 50  |

### Contact Millipore for Ordering Information

- G028 Glass fiber conjugate pads
- C048 Cellulose absorbent/sample pads
- C068 Cellulose absorbent/sample pads
- C248 Cellulose absorbent/sample pads

Custom cuts and slit widths are also available.



### Millipore Worldwide

[www.millipore.com](http://www.millipore.com)

Contact your nearest Millipore office: [www.millipore.com/offices](http://www.millipore.com/offices)

# MILLIPORE

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