

Data Sheet

SureWick® Pad Materials

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



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.

Merck 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 ²)	Flow Rate (mL/min)	Retention (µm)
G028	Glass	Conjugate pad	0.28	49	—	—
G041*	Glass	Conjugate pad	0.43	75	—	—
GFDX	Glass	Diagnostic pad	0.43	75	—	—
C048	Cellulose	Absorbent/sample pad	0.48	179	360	19
C068	Cellulose	Absorbent/sample pad	0.68	186	260	22
C083**	Cellulose	Absorbent/sample pad	0.83	291	196	18
C248	Cellulose	Absorbent/sample pad	2.48	702	220	14

*Code changed from GFPC

**Code changed from CFSP

Benefits

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

Ordering Information

Description		Qty/Pk	Catalogue No.
G041 Glass Fiber Conjugate Pads			
Strips	10 mm x 300 mm	100	GFCP1 030 00
Sheets	20 cm x 30 cm	100	GFCP2 030 00
Rolls	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
GFDX Glass Fiber Diagnostic Pads			
Strips	8 mm x 300 mm	100	GFDX 083000
	10 mm x 300 mm	100	GFDX 103000
Sheets	20 cm x 30 cm	100	GFDX 203000
	20.32 cm x 25.4 cm	100	GFDX 202500
Rolls	8 mm x 50 meters	–	GFDX 000850
	10 mm x 50 meters	–	GFDX 001050
	8 mm x 100 meters	–	GFDX 000800
	10 mm x 100 meters	–	GFDX 001000
C083 Cellulose Absorbent Sample Pads			
Strips	17 mm x 300 mm	100	CFSP1 730 00
	20 mm x 300 mm	100	CFSP2 030 00
Sheets	20 cm x 30 cm	100	CFSP2 230 00
Rolls	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

To Place an Order or Receive Technical Assistance

In Europe, please call Customer Service:

France: 0825 045 645

Germany: 01805 045 645

Italy: 848 845 645

Spain: 901 516 645 Option 1

Switzerland: 0848 645 645

United Kingdom: 0870 900 4645

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