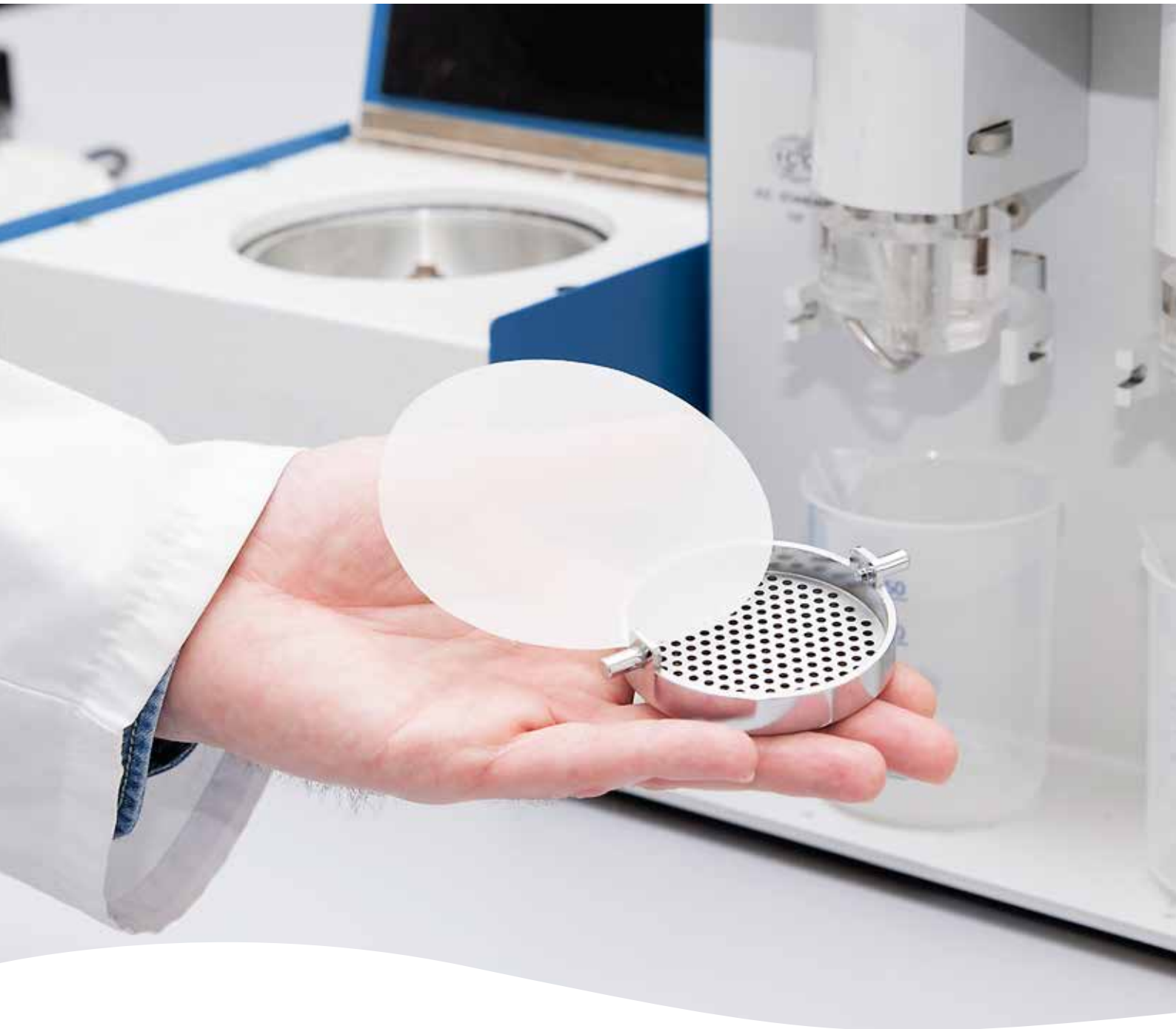





# SEFAR® Gluten Washing Discs

Milling



**S E F A R**  
■ ■ ■ ■



## Introducing the new SEFAR® Gluten Washing Discs – used as part of the Gluten Index Method

**Gluten** is a mixture of proteins found in wheat and related grains, including barley, rye, oat, and all their species and hybrids. In many markets and/or levels of the production chain, wheat and flour quality is often defined upon its protein content. Gluten gives elasticity to dough, helping it rise by retaining the fermentation gas and keep its shape as a baked loaf. Subsequently, determining the gluten properties is an important piece of information when describing the quality of flour. Grain producers, grain traders, flour millers, bakers and pasta producers typically perform tests in order to obtain this information and make qualitative decisions on the use of the grain or wheat. Alongside the Falling Number test that focuses on the condition of the starch, the Gluten Index will provide information on the quality and quantity of the protein in the flour. Both test methods are internationally standardized by the ICC (International Association for Cereal Science and Technology). In the case of the Gluten Index (GI) the relevant norms are ICC 137/1, 155 and 158 as well as ISO 21415.

Aside from a large number of other **equipment manufacturers** like Erkaya, Bastak or AFPM CC, the Glutomatic System, developed and marketed by Perten Instruments, is a leading analytical system designed to provide reliable and rapid test results in form of the Gluten Index but also wet gluten content, dry gluten content as well as water binding in wet gluten.

The system requires **two different types of mesh discs** during the process of washing-out the flour or whole meal samples. Precisely secured in special sieve holders, coarser mesh sieves 06-850/46 (according to PE ASTM 20-840) are used with whole meal (allowing bran particles to be washed out) or the finer mesh discs 07-90/30 (according to PE ASTM 177-88) with flour.



Gluten Washer Disc 07-90/30



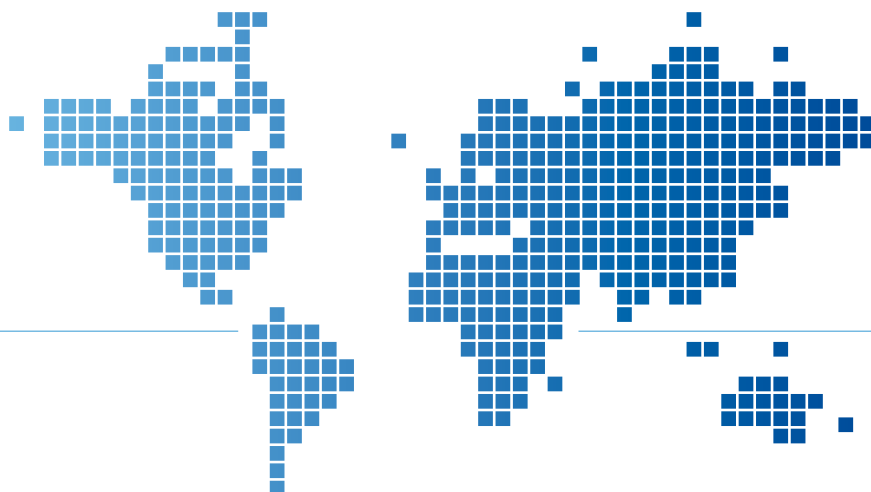
Gluten Washer Disc 06-850/46

## Technical Specifications

Description	Item No	Size [Ø mm]	Mesh Opening [µm]	Open Area [µm]	Polymer Type	Pack Qty [Pcs.]
Gluten Washer Disc <b>07-90/30</b>	3100-0061-001-00	95	90	30	PET	50
Gluten Washer Disc <b>06-850/46</b>	3100-0060-006-00	60	850	46	PA6	50

**Sefar** now offers sieve discs compatible with the Perten Instruments Glutomatic System as well as equivalent devices from other manufacturers. Woven and fabricated by the leading supplier of monofilament precision fabrics and makers of SEFAR NYTAL® – the leading brand for milling fabrics all over

the world. With Sefar's knowledge of the milling industry and by adhering to the relevant norms, you can rest assured that our new Gluten Washing Discs perform perfectly with most gluten washing systems. Providing you with the most accurate information on the quality of the gluten in your flour.



## Sefar worldwide

Sefar is the leading manufacturer of precision fabrics from monofilaments for the screen printing and filtration market. Sefar products are used in a wide variety of industries, reaching from electronics, graphics, medical, automotive, food and pharmaceutical applications to aerospace, mining & refining and architecture. With its profound understanding of the applications, Sefar helps its customers to achieve optimum results in their industrial processes. Subsidiaries and fabrications centers around the world provide local technical service for the broad range of solutions offered by Sefar.

### Headquarters

**Sefar AG**  
Hinterbissastrasse 12  
9410 Heiden – Switzerland  
Phone +41 71 898 57 00  
Fax +41 71 898 57 21  
filtration@sefar.com  
[www.sefar.com](http://www.sefar.com)

### Subsidiaries Africa

**South Africa** – Kya Sand  
Phone +27 11 708-2485  
info@sefarterpure.com

**Morocco** – Casablanca  
Phone +212 522 66 14 66  
info@sefar.ma

### Subsidiaries Americas

**USA** – Buffalo  
Phone +1 800 995 0531  
sales@sefar.us

**Canada** – Saguenay  
Phone +1 418 690 0888  
info.bd@sefar.com

**Brazil** – São Bernardo do Campo  
Phone +55 11 4390 6300  
contato.brasil@sefar.com

**Mexico** – Cuautitlan Izcalli  
Phone +52 55 2291 0652  
info.mexico@sefar.com

### Subsidiaries Australia & New Zealand

**Australia** – Huntingwood  
Phone +61 2 8822 1700  
oceania@sefar.com

**New Zealand** – MT Wellington  
Phone +64 9 527 4409  
salesnz@sefar.com

### Subsidiaries Asia

**China** – Suzhou  
Phone +86 512 6283 6383  
info.cn@sefar.com

**India** – District Thane  
Phone +91 2522 2940-34 /35 /36  
info.in@sefar.com

**Indonesia** – Jakarta Barat  
Phone +62 215 890 2066  
info.id@sefar.com

**Korea** – Seoul  
Phone +82 2 713 9134  
info.kr@sefar.com

**Malaysia** – Johor  
Phone +60 7 861 0023  
info.my@sefar.com

**Singapore**  
Phone +65 6299 9092  
info.sg@sefar.com

**Thailand** – Bangkok  
Phone +662 6670-024  
info.th@sefar.com

**Vietnam** – Ho Chi Minh City  
Phone +84 862 925 562/3  
info.vn@sefar.com

### Subsidiaries Europe

**England** – Bury  
Phone +44 161 765 3530  
sales@sefar.co.uk

**France** – Lyon  
Phone +33 472 13 14 15  
vente@sefar.com

**Germany** – Edling  
Phone +49 8071 90400 0  
info@sefar.de

**Italy** – Collegno  
Phone +39 011 42 001  
info@sefar.it

**Netherlands** – Lochem  
Phone +31 573 25 82 50  
info@sefar.nl

**Poland** – Poznan  
Phone +48 511 467 467  
biuro.pl@sefar.com

**Spain** – Cardedeu  
Phone +34 93 844 47 10  
info.maissa@sefar.com

**Turkey** – Ankara  
Phone +90 312 287 34 14  
info.tr@sefar.com

Our most current general sales conditions shall apply.  
Please consult the most current local product data sheet prior to any use.

