

Milling

Process Filtration



Contents

Plansifters SEFAR NYTAL ® PA	3-4
Plansifters SEFAR NYTAL ® Metal Mesh SEFAR NYTAL ® Metal Mesh Heavy	5
Purifiers SEFAR NYTAL ® PET	6-7
Centrifugal sifters SEFAR NYTAL ® PA-HD	8
Connector sleeves SEFAR TETEX ® MULTI	9
Dust filter bags SEFAR TETEX ® NF	10
Tension meter SEFAR® Tensocheck 200	11
Pneumatic stretching system SEFAR® Pneumapp 2	12-13
Fabric adhesive SEFAR NYTAL ® Quicktal	14
Accessories	15-19

Introduction

Today, SEFAR NYTAL® is the brand name for all products Sefar produces and sells to the milling industry.

Our products are available as ready-made articles and also as rolled goods for all types of sieving machines. We are able to supply millers with all products from one source for sieving, grading and dust removal as well as connector sleeves, sieve cleaners and tensioning equipment.

Food compatibility

The fabrics of the SEFAR NYTAL® PA, PET and Metal Mesh lines are made from yarns that contain only substances recognized as safe for contact with food.

Relevant guidelines and regulations:

- U.S. FDA Code of Federal Regulations, Title 21 - Food and Drugs, Part 177 Indirect Food Additives: Polymers, Sections 177.1500 for Nylon resins (PA), 177.1630 for Polyethylene phthalate polymers (PET)
- Regulation (EC) No 1935/2004 on materials and articles intended to come into contact with food
- Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food

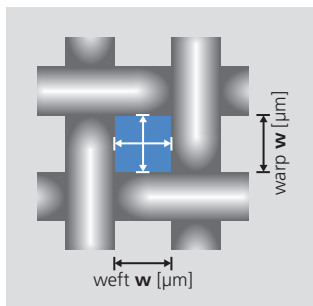


The products of the SEFAR NYTAL® Metal Mesh line comply with the following recommendations:

- U.S. FDA Code of Federal Regulations, Title 21 - Food and Drugs, Section 110.40 (Equipment and Utensils)
- EU Guideline of the Council of Europe «Metals and alloys used in food contact materials and articles» issued by the European Directorate for the Quality of Medicines & Health Care (EDQM), 2013, 1st edition

Our subsidiaries and selected representatives around the world are pleased to advise all customers individually.

Definitions for technical lists



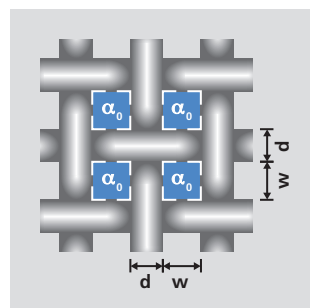
Mesh opening w [µm]

The mesh opening w is the distance between two adjacent warp or weft threads.

Method

Two-dimensional image analysis

According to
ASTM E11



Open area α_0 [%]

The percentage of the open area α_0 is the sum of all mesh openings as percentage of the total fabric area.

Method

Two-dimensional image analysis

According to
ASTM E11

Calculation

$$\alpha_0 [\%] = \frac{w^2 \cdot 100}{(w + d)^2}$$

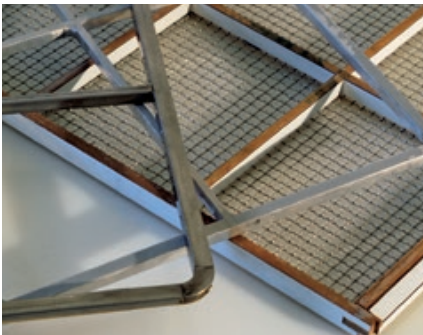
Plansifters

SEFAR NYTAL® PA

Plansifters for classifying the milled product are among the most important machines in the milling industry.

Benefits

- High throughput
- High yield
- Long service life
- High reliability
- Wide product range

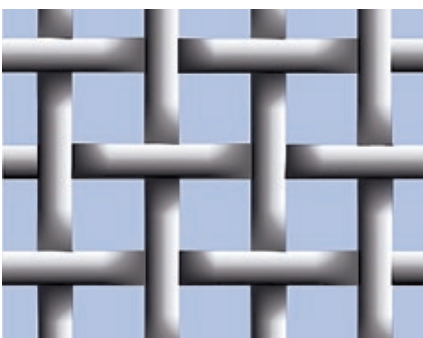


Plansifter frames



SEFAR NYTAL® PA-GG

SEFAR NYTAL® PA-GG	Mesh opening [µm]	Open area [%]
PA-12GG-1800	1800	61
PA-14GG-1600	1600	60
PA-15GG-1400	1400	59
PA-16GG-1320	1320	59
PA-17GG-1250	1250	58
PA-18GG-1180	1180	59
PA-19GG-1120	1120	58
PA-20GG-1000	1000	57
PA-22GG-950	950	57
PA-23GG-900	900	56
PA-24GG-850	850	53
PA-26GG-800	800	53
PA-27GG-750	750	52
PA-28GG-710	710	53
PA-30GG-670	670	53
PA-31GG-630	630	53
PA-32GG-600	600	51
PA-34GG-560	560	49
PA-36GG-530	530	50
PA-38GG-500	500	47
PA-40GG-475	475	48
PA-42GG-450	450	48
PA-44GG-425	425	46
PA-45GG-400	400	47
PA-47GG-375	375	47
PA-50GG-355	355	48
PA-52GG-335	335	46
PA-54GG-315	315	44
PA-58GG-300	300	45
PA-60GG-280	280	45
PA-62GG-275	275	44
PA-64GG-265	265	43
PA-66GG-250	250	46
PA-68GG-243	243	44
PA-70GG-236	236	44
PA-72GG-224	224	42
PA-74GG-212	212	40



SEFAR NYTAL® PA-GG

Plansifters

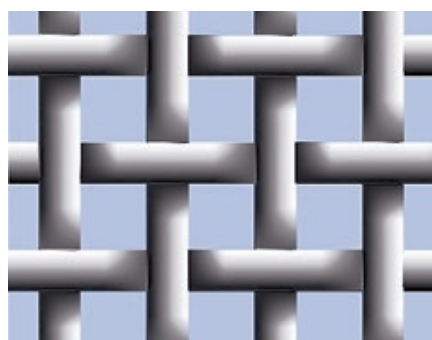
SEFAR NYTAL® PA



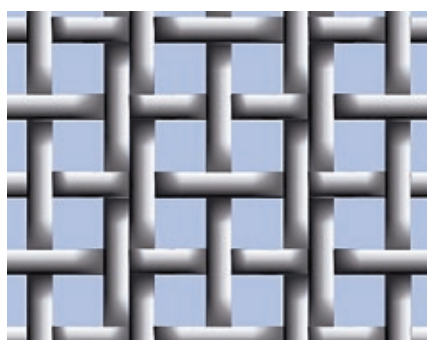
SEFAR NYTAL® PA-XXX	Mesh opening [µm]	Open area [%]
PA-3 XXX-300	300	45
PA-4 XXX-280	280	45
PA-5 XXX-250	250	46
PA-6 XXX-212	212	40
PA-7 XXX-200	200	39
PA-8 XXX-180	180	39
PA-8 ^{1/2} XXX-160	160	37
PA-9 XXX-150	150	38
PA-9 ^{1/2} XXX-140	140	37
PA-10 XXX-132	132	40
PA-10 ^{1/2} XXX-125	125	37
PA-11 XXX-118	118	34
PA-12 XXX-112	112	38
PA-13 XXX-100	100	32
PA-14 XXX-95	95	33
PA-14 ^{1/2} XXX-90	90	36
PA-17 XXX-85	85	35

SEFAR NYTAL® PA-Milling	Mesh opening [µm]	Open area [%]
PA-3-300	300	54
PA-4-280	280	53
PA-5-250	250	51
PA-6-212	212	49
PA-7-200	200	48
PA-8-180	180	46
PA-8 ^{1/2} -160	160	44
PA-9-150	150	44
PA-9 ^{1/2} -140	140	43
PA-10-132	132	44
PA-10 ^{1/2} -125	125	40
PA-11-118	118	42
PA-12-112	112	40
PA-12 ^{1/2} -106	106	38
PA-13-100	100	38
PA-14-95	95	38
PA-14 ^{1/2} -90	90	37
PA-15-85	85	34
PA-17-80	80	35
PA-20-75	75	34
PA-21-71	71	33
PA-25-63	63	30

SEFAR NYTAL® PA-MF	Mesh opening [µm]	Open area [%]
PA-3MF-300	300	51
PA-4MF-280	280	51
PA-5MF-250	250	51
PA-6MF-212	212	44
PA-7MF-200	200	44
PA-8MF-180	180	43
PA-8 ^{1/2} MF-160	160	42
PA-9MF-150	150	42
PA-9 ^{1/2} MF-140	140	41
PA-10MF-132	132	43
PA-10 ^{1/2} MF-125	125	41
PA-11MF-118	118	41
PA-12MF-112	112	42
PA-13MF-100	100	39
PA-14MF-95	95	36



SEFAR NYTAL® PA-XXX
SEFAR NYTAL® PA-MF

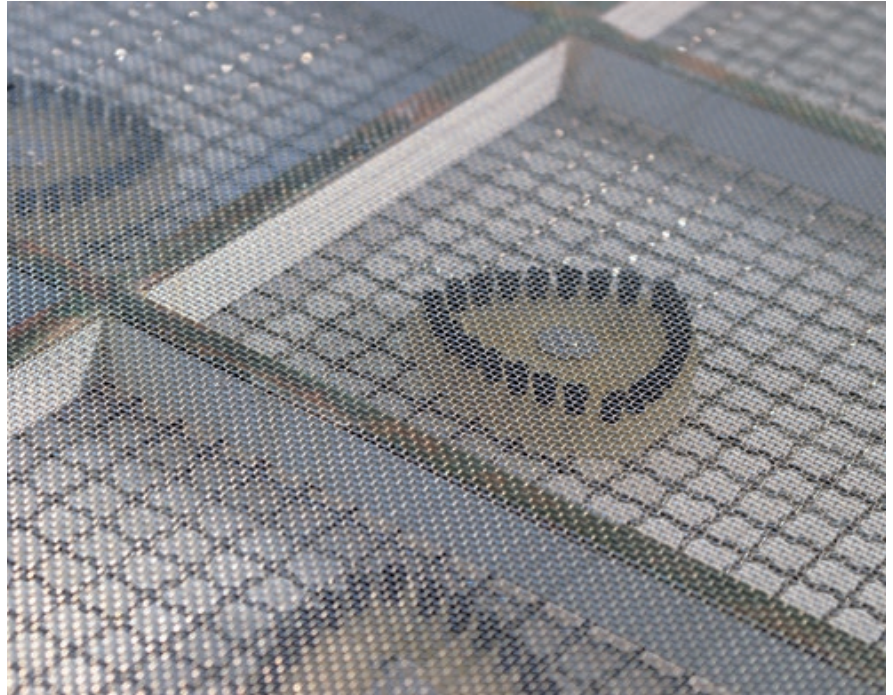


SEFAR NYTAL® PA-Milling

Plansifters

SEFAR NYTAL® Metal Mesh

SEFAR NYTAL® Metal Mesh is used on the primary screens of plansifters as the abrasion from the product is typically high during this phase. When screening conditions are challenging and/or particularly abrasive products (e.g. corn) are sieved, then SEFAR NYTAL® Metal Mesh Heavy is a new, more robust option.

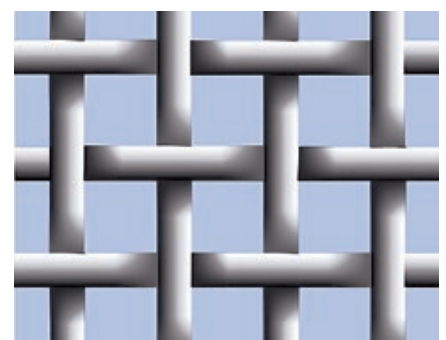


SEFAR NYTAL® Metal Mesh (AISI 304)	Mesh opening [µm]	Open area [%]
26-2000/74	2000	74.0
26-1800/72	1800	72.0
26-1600/77	1600	77.0
26-1400/74	1400	74.5
26-1250/72	1250	72.0
26-1180/71	1180	71.0
26-1120/69	1120	69.4
26-1060/68	1060	68.6
26-1000/67	1000	67.0
26-950/68	950	68.2
26-900/67	900	67.0
26-850/65	850	65.5
26-800/64	800	64.0
26-750/65	750	65.0
26-710/64	710	64.0
26-670/65	670	65.2
26-630/64	630	64.0
26-600/62	600	62.3
26-560/60	560	60.0
26-530/59	530	59.0
26-500/57	500	57.6
26-475/56	475	56.0
26-450/57	450	57.6
26-425/56	425	56.6
26-400/54	400	54.0
26-375/53	375	53.0
26-355/51	355	51.0
26-335/49	335	49.7
26-315/54	315	54.0
26-300/53	300	53.0
26-280/51	280	51.0
26-265/53	265	52.8
26-250/53	250	53.0
26-245/62	245	62.0
26-236/51	236	51.0
26-224/49	224	49.0
26-212/49	212	49.0

SEFAR NYTAL® Metal Mesh (AISI 304)	Mesh opening [µm]	Open area [%]
26-180/45	180	45.0
26-160/46	160	46.0
26-140/46	140	46.0
26-132/49	132	49.0
26-125/48	125	48.0
26-106/46	106	46.0

SEFAR NYTAL® Metal Mesh Heavy (AISI 304)

SEFAR NYTAL® Metal Mesh Heavy (AISI 304)	Mesh opening [µm]	Open area [%]
26-2000/64	2000	64
26-1800/58	1800	58
26-1600/58	1600	58
26-1400/57	1400	57
26-1250/57	1250	57
26-1180/56	1180	56
26-1120/61	1120	61
26-1000/58	1000	58
26-950/56	950	56
26-900/55	900	55
26-850/63	850	63
26-800/58	800	58



SEFAR NYTAL® Metal Mesh

Purifier Covers

SEFAR NYTAL® PET

Purifiers are mainly used for flours having low ash content and for the production of clean semolina. Sefar recommends using SEFAR NYTAL® PET-GG (polyester) fabric.

Benefits

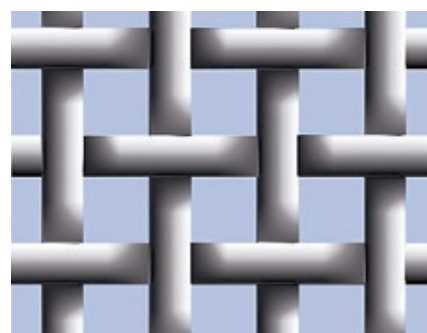
- No moisture absorption
- High tension
- Long service life
- Good dimensional stability
- Available as ready-made covers for purifiers



SEFAR NYTAL® PET-GG	Mesh opening [µm]	Open area [%]
PET-12GG-1800	1800	61
PET-14GG-1600	1600	61
PET-15GG-1400	1400	57
PET-16GG-1320	1320	59
PET-18GG-1180	1180	60
PET-20GG-1000	1000	58
PET-22GG-950	950	58
PET-23GG-900	900	56
PET-24GG-850	850	55
PET-26GG-800	800	55
PET-27GG-750	750	53
PET-28GG-710	710	54
PET-30GG-670	670	52
PET-31GG-630	630	53
PET-32GG-600	600	51
PET-34GG-560	560	49
PET-36GG-530	530	50
PET-38GG-500	500	48
PET-40GG-475	475	49
PET-42GG-450	450	48
PET-44GG-425	425	46
PET-45GG-400	400	48
PET-47GG-375	375	46
PET-50GG-355	355	47
PET-52GG-335	335	46
PET-54GG-315	315	44
PET-56GG-300	300	46
PET-60GG-280	280	44
PET-64GG-265	265	47
PET-66GG-250	250	46
PET-70GG-236	236	43
PET-72GG-224	224	42



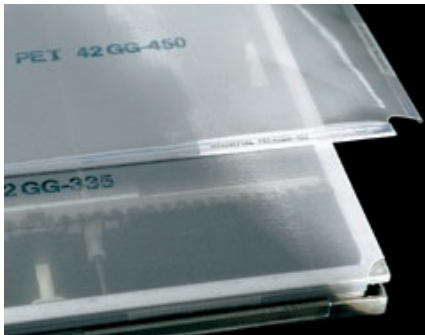
Purifier fabric glued to the base frame



SEFAR NYTAL® PET-GG

Purifier Covers

SEFAR NYTAL® PET



Ready-made covers for quick clamping frame



Made-up covers for MQRF (stock items)

Sefar Item No.	Fabric No.	Bühler part No.
3100-0023-022	PET-16GG-1320	UXF-93208 005
3100-0023-017	PET-18GG-1180	UXF-93208 006
3100-0023-024	PET-19GG-1120	UXF-93208 007
3100-0023-010	PET-20GG-1000	UXF-93208 008
3100-0023-009	PET-22GG-950	UXF-93208 009
3100-0023-023	PET-23GG-900	UXF-93208 010
3100-0023-007	PET-24GG-850	UXF-93208 011
3100-0023-006	PET-26GG-800	UXF-93208 012
3100-0023-018	PET-27GG-750	UXF-93208 013
3100-0023-004	PET-28GG-710	UXF-93208 014
3100-0023-001	PET-30GG-670	UXF-93208 015
3100-0023-020	PET-31GG-630	UXF-93208 016
3100-0023-002	PET-32GG-600	UXF-93208 017
3100-0023-003	PET-34GG-560	UXF-93208 018
3100-0023-005	PET-36GG-530	UXF-93208 019
3100-0023-008	PET-38GG-500	UXF-93208 020
3100-0023-013	PET-40GG-475	UXF-93208 021
3100-0023-012	PET-42GG-450	UXF-93208 022
3100-0023-015	PET-44GG-425	UXF-93208 023
3100-0023-011	PET-45GG-400	UXF-93208 024
3100-0023-014	PET-47GG-375	UXF-93208 026
3100-0023-016	PET-50GG-355	UXF-93208 028
3100-0023-019	PET-52GG-335	UXF-93208 029
3100-0023-021	PET-54GG-315	UXF-93208 030

Made-up covers for MQRF (non-stock items)

Sefar Item No.	Fabric No.	Bühler part No.
3023-0614-800	07-2000/51	UXF-93208 001
3023-0607-600	PET-12GG-1800	UXF-93208 002
3023-0503-300	PET-14GG-1600	UXF-93208 003
3023-1000-114	PET-15GG-1400	UXF-93208 004
3023-0608-600	PET-56GG-300	UXF-93208 044
3023-0608-700	PET-60GG-280	UXF-93208 033
3023-0506-800	PET-64GG-265	UXF-93208 035
3023-1000-115	PET-66GG-250	UXF-93208 036
3023-1000-116	PET-72GG-224	UXF-93208 038

Other dimensions can be manufactured to order



Brushes for purifiers with return brackets in width 465 and 510 mm

Centrifugal Sifters (Turbo and Vibro)

SEFAR **NYTAL**® PA-HD



Vibro-sifter

Centrifugal sifters are mainly used to separate sticky products (e.g. flour from filters or bran finishers).

Benefits

- Good performance
- Long service life
- Extra-strong fabric
- Good dimensional stability
- Fitted with AR- or HF-welded seam
AR = Reinforced
HF = High-frequency welded

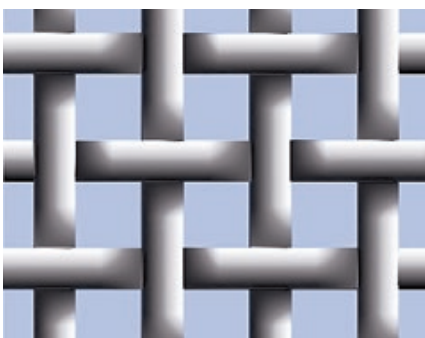
Ready-made sifter covers for various models available on request.

SEFAR NYTAL ® PA-HD	Mesh opening [μm]	Open area [%]
PA-2HD-350	350	35
PA-3HD-300	300	34
PA-5HD-250	250	34
PA-6HD-210	210	33
PA-8HD-177	177	34
PA-9HD-150	150	38

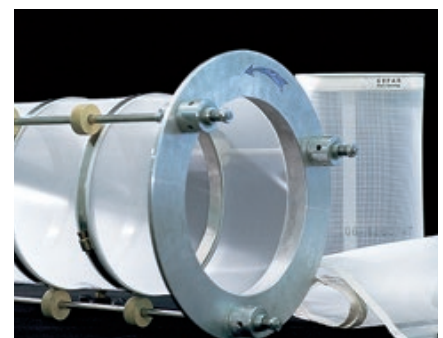
Other fabric specifications upon request



Vibro screen panel



SEFAR **NYTAL**® PA-HD



Turbo sifter cylinder

Connector Sleeves

SEFAR TETEX® MULTI

Connector sleeves from Sefar ensure a permanently secure and flexible coupling between the sifters and the inlet and outlet connections of plansifters, purifiers and cleaning machines.

Sefar's specially developed assembly solution ensures a precise fit on the spout. To that extent Sefar has developed an elastic band, which is resistant to all known chemical substances presently used in mill fumigation.

Since the elastic band is thermally stable, the belt may also be used in the thermal treatment (heat) for pest control. Clamping rings or cable binders are no longer necessary.

Benefits

- FDA and EU compliant
- Premium quality elastic bands (No additional clamps required)
- High air permeability
- Long life time
- Resistant against insect and bacteria
- Custom made size available on request



Inlet and outlet sleeves



Assembly of connector sleeves

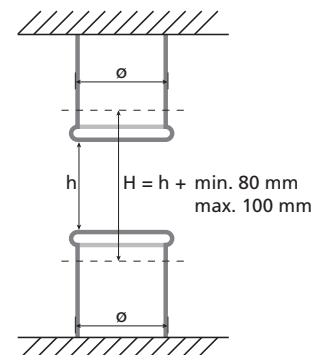


Plansifter



Sefar Item No.	Fabric No.	Diameter mm	Height mm	Number of rings
3100-2024-100	03-550-210 W	300	310	2
3100-2024-101	03-550-210 W	240	280	2
3100-2024-102	03-550-210 W	210	310	2
3100-2024-103	03-550-210 W	150	290	2
3100-2024-104	03-550-210 W	120	290	2
3100-2024-105	03-550-210 W	120	150	1
3100-2024-106	03-550-210 W	120	260	2
3100-2024-107	03-550-210 W	80	100	0
3100-2024-135	03-550-210 W	120	110	0
3100-2024-145	03-550-210 W	80	150	0

Above listed are all stock items. Other dimensions can be manufactured to order. For all manufactured articles design/presentation may vary slightly, as they may be produced in different Sefar sales regions. This does not affect the functionality.



Once you have calculated height H , please select the next larger size connector sleeve with standard dimension from the table.

Dust Filter Bags

SEFAR TETEX® NF



For side loader 3100-2026-611-00



For side loader 3100-2026-003



For top loader 3100-2026-633-00



For top loader 3100-2026-051

Sefar produces dust filter bags and filter bags made of high-quality SEFAR TETEX® NF needlefelt.

In response to increasing food safety requirements, Sefar now offers the next generation (future standards) dust filter bags also with FDA & EU food compliance and antistatic properties according to ATEX directives.

Available in the following versions

- NFI = oil- and water-repellent polyester needlefelt
- NFIA = oil- and water-repellent polyester needlefelt, antistatic
- PET-felt 350 g/m² for low pressure filters
- PET-felt 500 g/m² for high pressure and bag filters
- PET-felt 350 g/m² for low pressure filters / FDA/EU Food compliance

Dust filter bags for side loader - open top, rounded bottom

Optionally available certification	Sefar Item No.	Fabric No.	ø Inside diameter [mm]	L Inside length [mm]	Dress details / Info
	3100-2026-001	07-351-600 NFI	120	810	
	3100-2026-002	07-351-600 NFI	120	1295	
	3100-2026-003	07-351-600 NFI	120	1895	
	3100-2026-004	07-351-600 NFI	120	2435	
	3100-2026-005	07-351-600 NFI	120	3035	
	3100-2026-076	07-351-600 NFIA	120	810	
FDA/EU Food compliance	3100-2026-610-00	07-350-500 NFIA	120	810	
	3100-2026-077	07-351-600 NFIA	120	1295	
FDA/EU Food compliance	3100-2026-611-00	07-350-500 NFIA	120	1295	
	3100-2026-078	07-351-600 NFIA	120	1895	
FDA/EU Food compliance	3100-2026-612-00	07-350-500 NFIA	120	1895	
	3100-2026-079	07-351-600 NFIA	120	2435	
FDA/EU Food compliance	3100-2026-613-00	07-350-500 NFIA	120	2435	
	3100-2026-080	07-351-600 NFIA	120	3035	
FDA/EU Food compliance	3100-2026-614-00	07-350-500 NFIA	120	3035	

Dust filter bags for top loader - open top + collar with 15x10 mm, rounded bottom

Optionally available certification	Sefar Item No.	Fabric No.	ø Inside diameter [mm]	L Inside length [mm]	Dress details / Info
	3100-2026-051	07-351-600 NFI C15	120	865	
	3100-2026-052	07-351-600 NFI C15	120	1260	
	3100-2026-053	07-351-600 NFI C15	120	1860	
	3100-2026-054	07-351-600 NFI C15	120	2400	
	3100-2026-055	07-351-600 NFI C15	120	3000	
	3100-2026-126	07-351-600 NFIA C15	120	865	
FDA/EU Food compliance	3100-2026-630-00	07-350-500 NFIA C15	120	865	
	3100-2026-127	07-351-600 NFIA C15	120	1260	
FDA/EU Food compliance	3100-2026-631-00	07-350-500 NFIA C15	120	1260	
	3100-2026-128	07-351-600 NFIA C15	120	1860	
FDA/EU Food compliance	3100-2026-632-00	07-350-500 NFIA C15	120	1860	
	3100-2026-129	07-351-600 NFIA C15	120	2400	
FDA/EU Food compliance	3100-2026-633-00	07-350-500 NFIA C15	120	2400	
	3100-2026-130	07-351-600 NFIA C15	120	3000	
FDA/EU Food compliance	3100-2026-634-00	07-350-500 NFIA C15	120	3000	

Other dimensions for side and top loader can be manufactured to order. For all manufactured articles design presentation may vary slightly, as they may be produced in different Sefar sales regions. This does not affect the functionality.

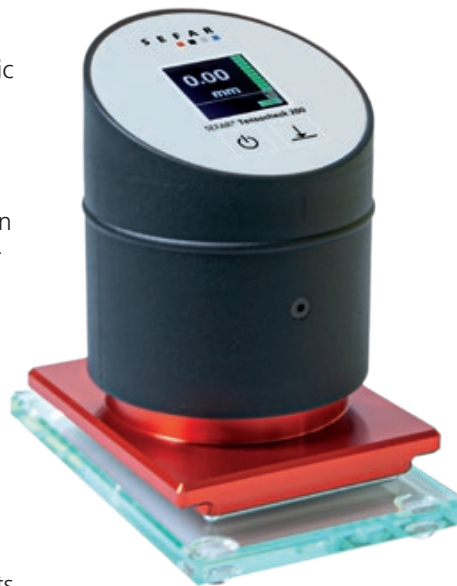
Tension Meter

SEFAR® Tensocheck 200

SEFAR® Tensocheck 200 the electronic gauge for monitoring screen tension.

Product features

- High measurement accuracy
- Exact readings in measuring direction
- Highest process reliability and reproducible results
- WiFi connection allows remote control and data transfer
- Rechargeable battery via USB C connection
- High-contrast LCD color display

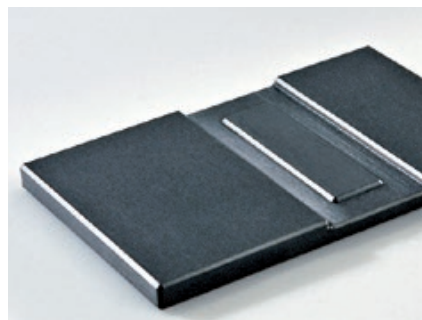


Glass reference plate

Dimensions 80 x 125 x 7 (mm)
In order to achieve reproducible results in the stretching process, a periodic review of the zero point of the device is recommended.

Optional available: Calibration control plate

Ensures maximum process control by regular in-house checking of the accuracy. Only if the check should result in a measured value outside the tolerance limit, the SEFAR® Tensocheck 200 needs to be sent to the Sefar technology center for readjustment.



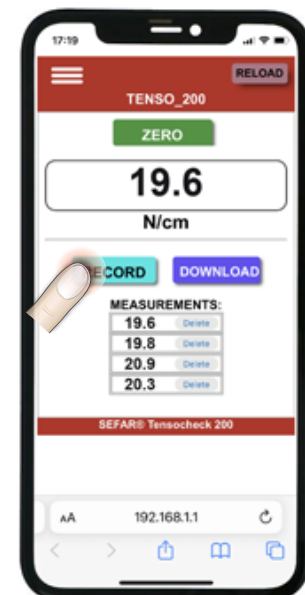
Calibration control plate (Part number: 3101-1007)

Specifications

Dimensions 80 x 95 x 115 (mm)
Weight 1.01 kg (With battery)
3.7 V, 7.2 Wh lithium ion battery
Tolerance measurement range
4.0–9.8 N/cm, ± 0.2 N/cm
10–19.8 N/cm, ± 0.4 N/cm
20–29.8 N/cm, ± 0.6 N/cm
30–39.5 N/cm, ± 1.0 N/cm
40–50.0 N/cm, ± 1.5 N/cm

Connection

WiFi interface for remote control or CSV logging via smartphone or PC.



Record and download measurements

Recommended tension values

Polyamide (PA) & Polyester (PET) mesh	Wooden frames		Metal & aluminum frames	
	Tension before gluing [N/cm]	Min. tension after 1 day [N/cm]	Tension before gluing [N/cm]	Min. tension after 1 day [N/cm]
Mesh opening [µm]				
> 630	15 (+/- 1)	8	17 (+/- 1)	9
600 - 465	14 (+/- 1)	7	16 (+/- 1)	8
450 - 315	13 (+/- 1)	7	15 (+/- 1)	8
300 - 212	12 (+/- 1)	6	14 (+/- 1)	7
200 - 112	11 (+/- 1)	6	13 (+/- 1)	7
< 100	10 (+/- 1)	5	12 (+/- 1)	6
Metal mesh	Wooden frames		Metal & aluminum frames	
Mesh opening [µm]	Tension before gluing [N/cm]		Tension before gluing [N/cm]	
> 630	18 (+/- 1)		21 (+/- 1)	
600 - 465	17 (+/- 1)		20 (+/- 1)	
450 - 315	16 (+/- 1)		19 (+/- 1)	
300 - 212	15 (+/- 1)		18 (+/- 1)	
200 - 112	14 (+/- 1)		17 (+/- 1)	
< 100	13 (+/- 1)		16 (+/- 1)	

Testing conditions: 18-21 °C / 50-60% rel. Humidity

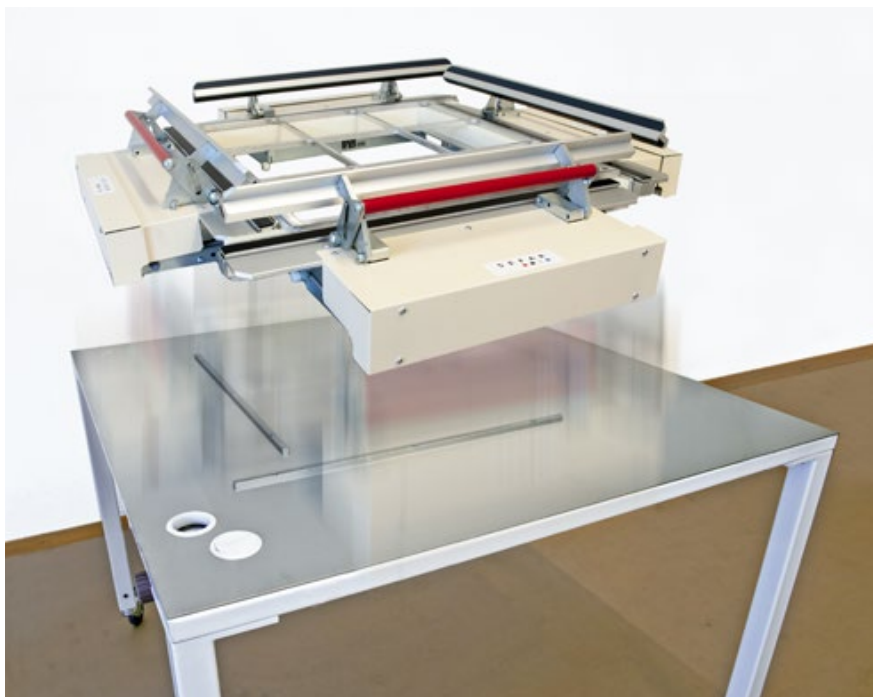
The maximum tension depends on the quality of the fabric as well as the stability of the screen frame.

Pneumatic stretching system SEFAR® Pneumapp 2

SEFAR® Pneumapp 2 is a specially developed stretching system as a result of a combination of practical experience and clever engineering. The device has a higher stretching power for improved fabric stretching.

Modular solution

Three different clamp sizes (jaw widths) and the control unit provide a reliable working system which is suitable for all frame sizes and fabrics. The pneumatic connectors are made for easy device reconfiguration.



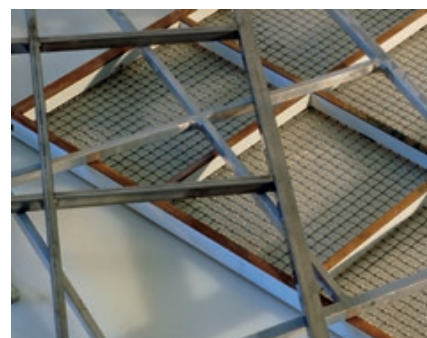
Stretching unit for one frame



Frame spacer



Frame support



Screen frames: metal, aluminum and wood

Benefits of the SEFAR® Pneumapp 2 system

- Robust and compact design using high quality materials
- Suitable for all frame types and sizes
- Stretches all types of fabric, whether coarse or fine, polyester, polyamide or metal mesh
- Guide bars simplify the adaptation to new frame sizes
- The fabric can be accurately positioned
- Easy access for application of adhesive
- Uniform tension in both directions
- Stretching safety: a progressive clamping force prevents the screen from slipping out of the jaws
- High and consistent quality of the sieves



Cover for SEFAR® Pneumapp2 (1250 x 1250mm)

Pneumatic stretching system

SEFAR® Pneumapp 2



Common examples of stretching equipment in milling.

The system is based on 3 clamp sizes (jaw width 630, 730 and 1000 mm).

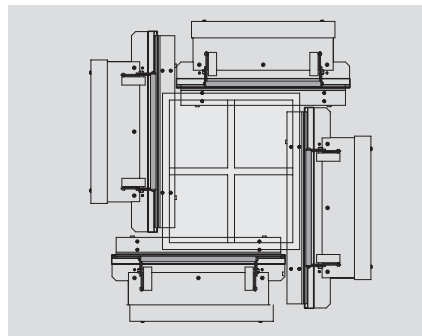
Control unit PN 200

The control unit PN200 has a tension capacity up to 28 Newton at about 10 bar air pressure: it allows for simple handling in a compact area and its modular system is upgrad able from one to two frame sizes. In addition, two control units can be combined in dual operation.

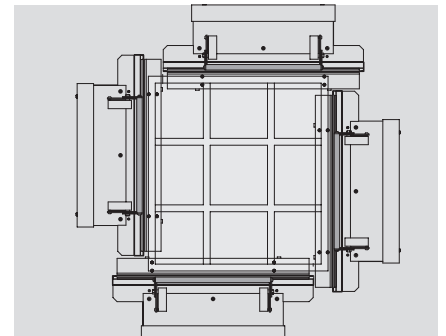
The indicated solutions are possible variants.

Please give us your frame dimensions (L x W x H), the material (wood, aluminum or metal) and the system (1- or 2-frame system).

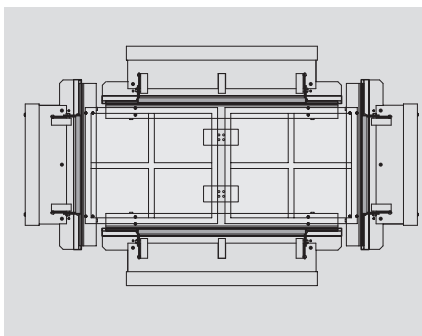
We would be pleased to offer you the best solution.



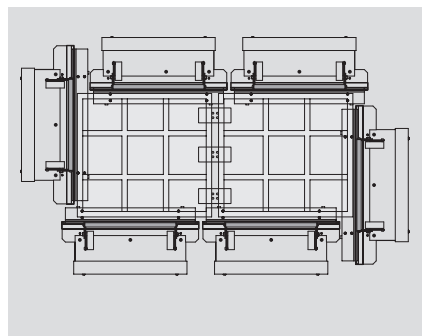
1 Frame size max. 650 x 650 mm
 2 x PN-630 Stretching clamps
 2 x PN-730 Stretching clamps
 1 x PN-200 Control unit
 1 x 6225 PN 2 stretching table



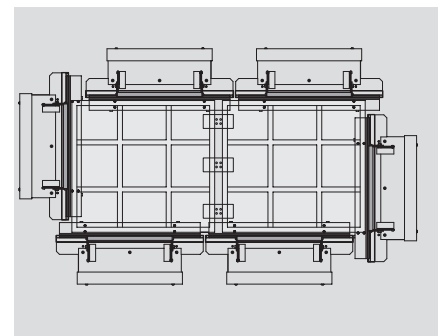
1 Frame size max. 740 x 740 mm
 4 x PN-730 Stretching clamps
 1 x PN-200 Control unit
 1 x 6225 PN 2 stretching table



2 Frame size max. 500 x 730 mm
 2 x PN-1000 Stretching clamps
 2 x PN-730 Stretching clamps
 1 x PN-200 Control unit*
 2 x 6225 PN 2 Stretching table
 1 x 6229 PN 2 Connection kit



2 Frame size 620 x 570 mm
 4 x PN-630 Stretching clamps
 2 x PN-730 Stretching clamps
 1 x PN-200 Control unit*
 2 x 6225 PN 2 Stretching table
 1 x 6229 PN 2 Connection kit
 Maximum frame size for 4 clamps:
 710 x 655 mm



2 Frame size 710 x 655 mm
 6 x PN-730 Stretching clamps
 1 x PN-200 Control unit*
 2 x 6225 PN 2 Stretching table
 1 x 6229 PN 2 Connection kit
 Maximum frame size for 4 clamps:
 785 x 785 mm

*Expandable to 2 x PN-200 control units

Fabric adhesive

SEFAR NYTAL® Quicktal – Cyanoacrylate Adhesive

Sefar Quicktal is a single-component cyanoacrylate adhesive with a separate accelerator.

Application instructions:

Frame preparation

The surface that comes into contact with the adhesive and mesh should be processed as follows:

- Metal and aluminum frames should be roughened beforehand (for best result sandblasting should be used and then degreased with acetone)
- Wooden frames should be sanded (the wood must be dry and dust-free)
- Minor glue residue need not be removed if the frame surface is smooth

Fabric tension

- After tensioning the fabric should be weighted so that it lies flat on the frame

Caution

- Prior to gluing please consult the safety data sheet
- Use only in well-ventilated areas
- Avoid direct skin and eye contact

Adhesion mesh

- The mesh must cover and make contact with the entire mounting surface
- Apply the adhesive through the mesh onto the surface. A thin strip is enough, even with wide frames.
- Spray the accelerator over the applied adhesive at a distance of 20-30 cm from the surface. Short spray intervals are best.
- During spraying make sure that the mesh has uniform contact with the frame.



Quicktal adhesives are FDA compliant with the 'Code of Federal Regulations (CFR Part 21)'

Glue drying time

- Approx 15-20 minutes without Quicktal accelerator
- Approx 1 - 2 minute with Quicktal accelerator



Product examples of items 5600, 5602, 5603, 5604 and 6502



SEFAR NYTAL® Quicktal Part Number	Designation	FDA compliance
5600	Quicktal adhesive, low viscosity, 50 g, 100 g or 500 g bottle	X
5602	Quicktal-D-Bonder, 500 ml bottle	
5603	Quicktal 77, high viscosity glue, 50 g bottle	X
5604	Quicktal Metal, 100 g or 500 g bottle	X
6502	Quicktal accelerator spray, 200 ml	

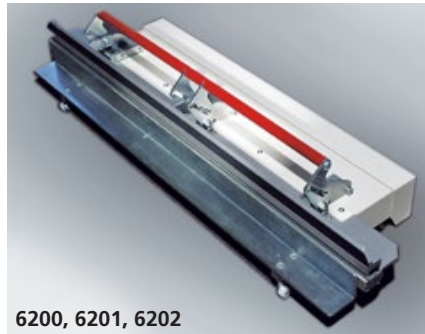
Please read the enclosed safety instructions.

Each bottle is marked with the expiry date (month/year). Please use existing stock first. Store in cool, dry place, protected from sun and moisture; preferably in a refrigerator.

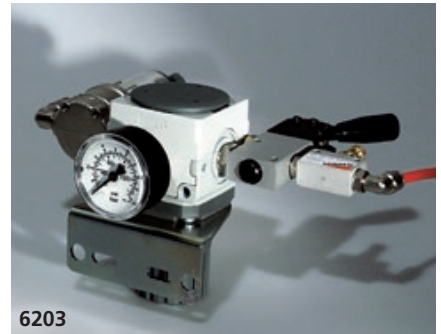
Accessories



3111, 3101-1007 (Calibration control plate)



6200, 6201, 6202



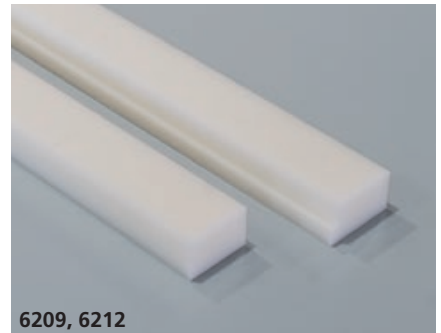
6203



6204, 6205



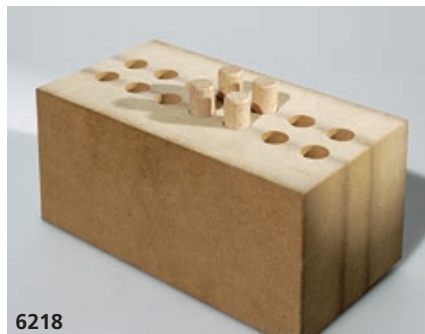
6208, 6210, 6211, 6213



6209, 6212



6214, 6215, 6216



6218



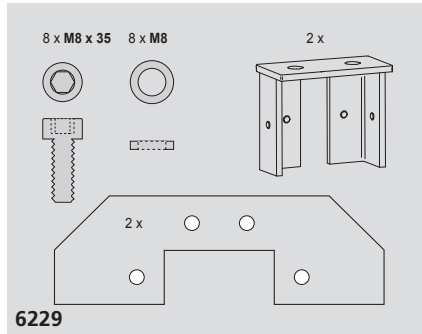
6219, 6220, 6222

Part Number	Description
3101-1007	Calibration control plate (SEFAR® Tensocheck 200)
3111	SEFAR® Tensocheck 200
6200	Stretching clamp PN-630 small
6201	Stretching clamp PN-730 medium
6202	Stretching clamp PN-1000 large
6203	Control unit PN-200
6204	Guide bar PN-10 for PN-630 and PN-730, 630 x 10 x 10 mm
6205	Guide bar PN-11 for PN-1000, 880 x 10 x 10 mm
6208	Frame support for metal frames PN-63M for PN-630 (620 x 30 x H47 mm)
6209	Frame support for metal frames PN-73M for PN-730 (720 x 30 x H47 mm)
6210	Frame support for metal frames PN-100M for PN-1000 (990 x 30 x H47/53 mm)
6211	Frame support for the metal frame overflow side PN-63MO for PN-630 (620 x 30 x H47/53 mm)
6212	Frame support for the metal frame overflow side PN-73MO for PN-730 (720 x 30 x H47/53 mm)
6213	Frame support for the metal frame overflow side PN-100MO for PN-1000 (990 x 30 x H47/53 mm)
6214	Frame support for wooden frames PN-63W for PN-630 (620 x 30 x H40 mm)
6215	Frame support for wooden frames PN-73W for PN-730 (720 x 30 x H40 mm)
6216	Frame support for wooden frames PN-100W for PN-1000 (990 x 30 x H40 mm)
6218	Frame spacer/support PN-50 for all frame types (190 x 103M x 94W mm)
6219	Stretching aid PN-15 for fabrics <= 140 µ
6220	Stretching aid PN-20 for fabrics <= 112 µ
6222	Stretching aid PN-14 for fabrics <= 200 µ

Accessories



6225, 6230



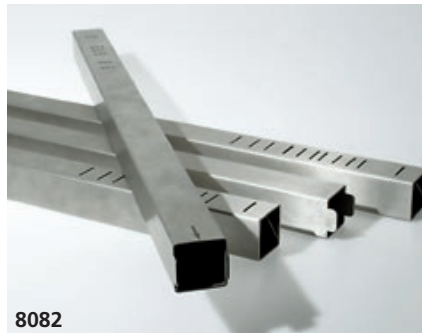
6229



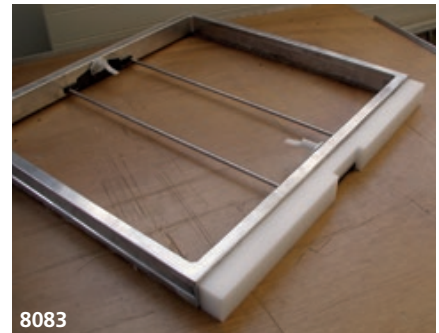
6231



8071



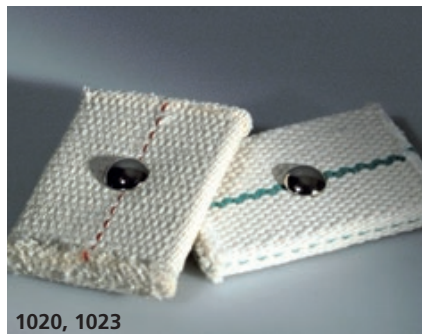
8082



8083



1100, 1101



1020, 1023



1021, 1022



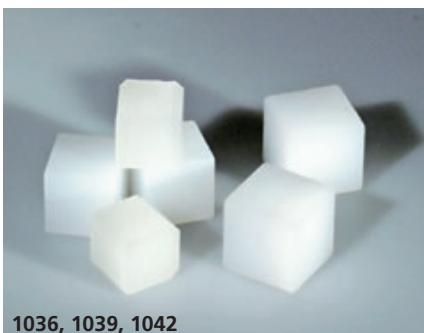
1034, 1024



1031, 1032



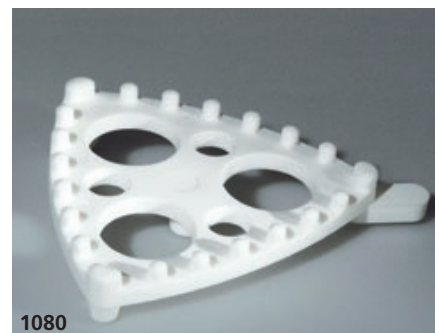
1033



1036, 1039, 1042

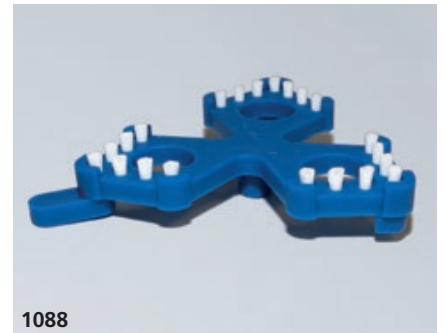
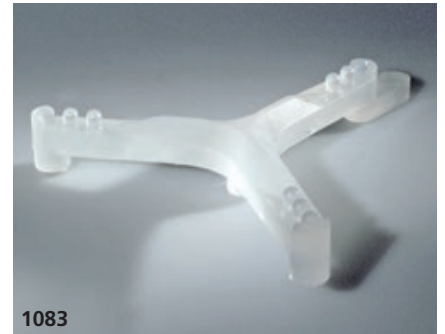


1037, 1040, 1043



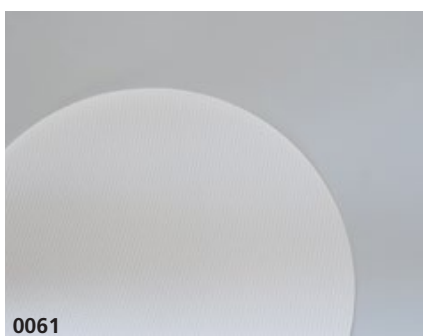
1080

Accessories



Part Number	Description	Food safety compliancy	
		FDA	EU
6225	SEFAR® Pneumapp 2 stretching table (for 4 x 630/730 mm clamps) with wheels, aluminum table top, table size 1250 x 1250 mm		
6229	Connection Kit to 6225 for double table with 6 clamps, table size 1250 x 2500 mm Connection Kit to 6230 for double table with 6 clamps, table size 1480 x 2960 mm		
6230	SEFAR® Pneumapp 2 stretching table (for 4 x 630/730/1000 mm clamps) with wheels, aluminum table top, table size 1480 x 1480 mm		
6231	Cover for SEFAR® Pneumapp 2 stretching table (1250 x 1250 mm)		
8071	Steel weight 1 Kg		
8082	Frame support stainless steel PN-73S for PN-730 (720 x 45 x H45 mm)		
8083	Frame spacer for purifiers made of PE HD		
1100	Purifier brushes with return brackets 465 mm		
1101	Purifier brushes with return brackets 510 mm		
1020	Cotton pad cleaner, red line		
1021	Plastic cleaner with metal button	X	X
1022	Plastic cleaner with plastic button	X	X
1023	Cotton pad cleaner, green line, type TR		
1024	Pan cleaner with round hole (transparent)	X	X
1034	Pan cleaner with round hole, type F (white)	X	X
1031	Sieve cleaner with knobs and metal button (standard)	X	X
1032	Sieve cleaner with white bristles and metal button (standard)	X	X
1033	Sieve cleaner with black bristles and metal button (standard)	X	X
1036	White cube cleaner, 14,3 mm	X	
1037	White polyball, Polyurethan 30 mm	X	
1039	White cube cleaner, 15,9 mm (5/8")	X	
1040	Polyball, Polyurethan 15,9 mm (5/8")	X	
1042	White cube cleaner, 12,7 mm	X	
1043	Rubber ball ivory, Ø 40 mm	X	X
1080	Dual cleaner with lip and knobs	X	X
1081	Dual cleaner with white brush	X	X
1082	Dual cleaner with black brush	X	X
1083	NOVA sieve cleaner with knobs	X	X
1084	NOVA sieve cleaner with nylon brush	X	X
1087	Sieve Cleaner with knobs	X	X
1088	Sieve Cleaner with brushes	X	X

Accessories

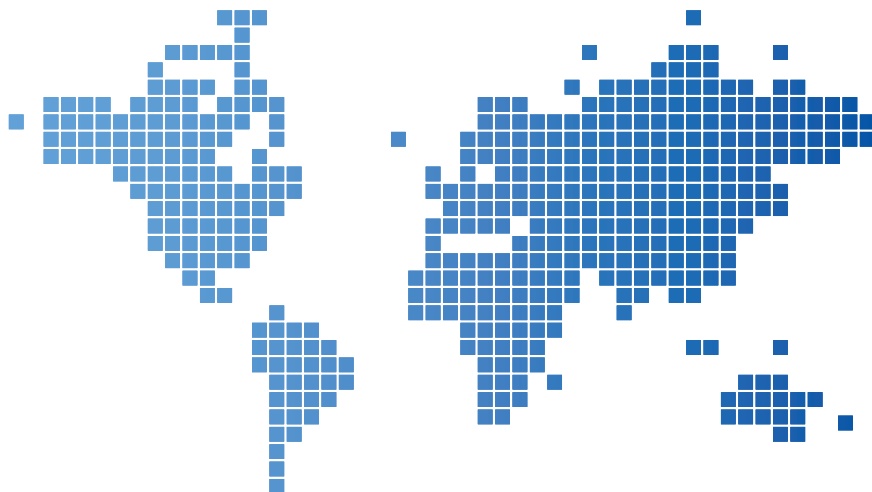


Part Number	Description	Food safety compliancy	
		FDA	EU
1095	Polyball blue 15,58 mm	X	X
1096	Polyball blue 24,67 mm	X	X
1097	Polyball blue 31,30 mm	X	X
1098	Drum shape cleaner blue (Dhokal)	X	X
5038	Test sieve set 200 mm diameter (Bottom, sieve-frame, cover, lever)		
5039	Additional divided sieve frame for test sieve set		
0060	Gluten Washer Disc 06-850/46, 50 Pcs.		
0061	Gluten Washer Disc 07-90/30, 50 Pcs.		
5035	Flour-spatula without magnifier incl. case		
8073	Flour-spatula without magnifier, with case and Sefar Nytal Logo		
8079	Flour-spatula with magnifier and case		
5600	Quicktal adhesive 50 g, 100 g or 500 g	X	
5602	Quicktal D-Bonder, 500 ml		
5603	Quicktal 77 adhesive viscous 50 g	X	
5604	Quicktal Metal, 100 g oder 500 g	X	
6502	Quicktal accelerator, spray 200 ml		
6051	Pneumatic stapler Duo Fast LDS-5016		
6052	Staples for Duo Fast LDS-5016, box of 5,000 pcs.		
6059	Scraping Knife with one spare blade, Sandvik		
6090	Replacement blade for scraper Sandvik		

Accessories



Part Number	Description
6061	Tube picking hammer No. 2 / 750 g
8076	Protective tape cotton, 11 mm wide, 50 m roll
8077	Protective tape cotton, 13 mm wide, 50 m roll
8090	Magnifying glass 8x with scale
8096	Mesh counter opening, 18 x 18 mm
3F00-0000-140	Plush 4 mm pile, 140 cm wide



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. With subsidiaries and representatives around the world, Sefar offers its customers the comprehensive, global support they need.

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