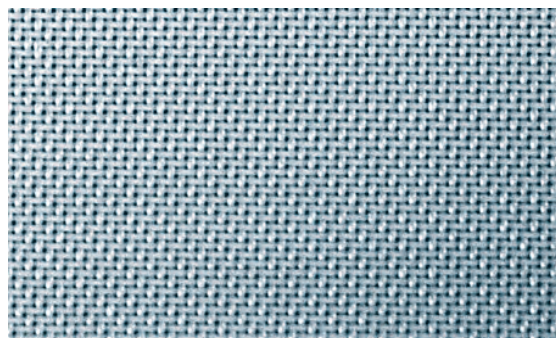
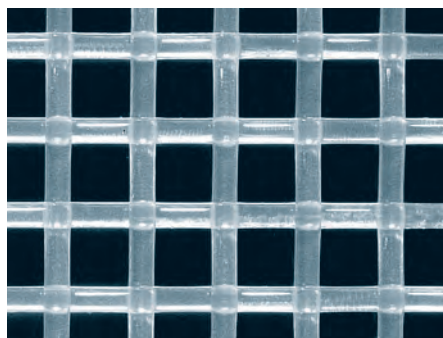
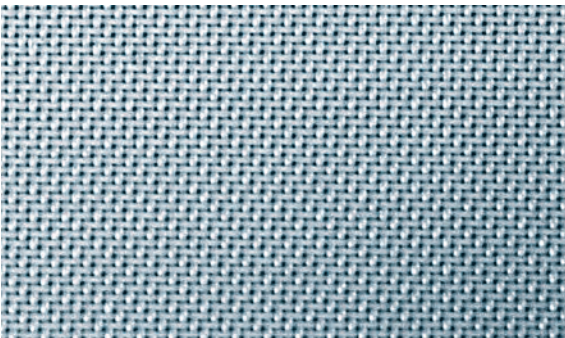




Precision Woven Synthetic
Monofilament Fabrics

*Synthetische Monofilament-
Präzisionsgewebe*

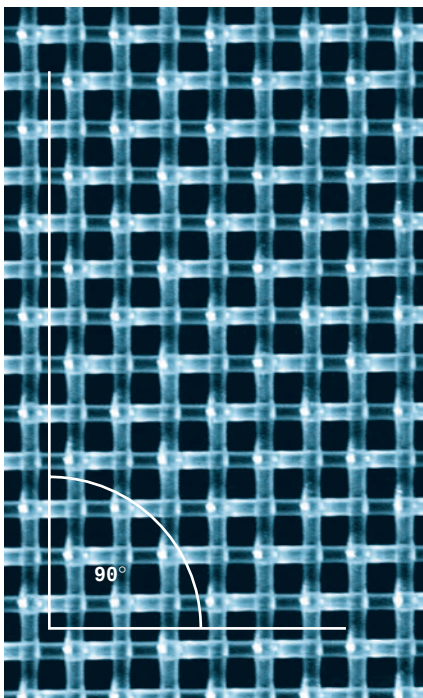
Filtration Solutions
Open Mesh Fabrics

S E F A R
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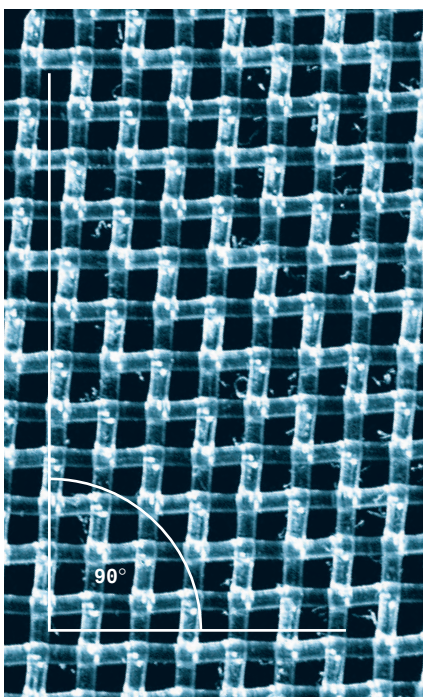
What is precision woven open mesh fabric?

It's a highly specialized monofilament fabric, characterized by precisely defined and controlled, consistent and repeatable material properties such as pore size, thickness, tensile strength, dimensional stability, cleanliness etc.

How does precision woven open mesh fabric differ from non-precision woven open mesh fabric?

Precision woven open mesh fabrics

- Yarn diameter and evenness are tightly controlled to ensure high level from lot-to-lot.
- Openings are held to tight tolerances and aperture control is inherent to the manufacturing process.
- Surface properties are even and consistent.
- Thickness tolerance is within microns through entire rolls and lots.
- Cleanliness meets strict standards.
- Repeatability is guaranteed.



Non-precision woven open mesh fabrics

- Yarn diameters and roundness will vary from yarn to yarn or even within a single yarn type.
- Openings are irregular, and aperture control is not part of manufacturing process.
- Surface is subject to geometric irregularities.
- Thickness will vary within a single roll or even within a few inches.
- Cleanliness is not guaranteed.
- Repeatability is compromised.

Was sind offenmaschige Präzisionsgewebe?

Das sind unter hohen technischen Anforderungen aus Monofilament hergestellte Gewebe, die sich durch genau definierte und systematisch kontrollierte, reproduzierbare Gewebeeigenschaften wie Maschenweite, Dicke, Reißfestigkeit, Dimensionsstabilität, Reinheit etc. auszeichnen.

Wodurch unterscheidet sich ein offenmaschiges Präzisionsgewebe von einem Nicht-Präzisionsgewebe?

offenmaschige Präzisionsgewebe

- Garndurchmesser und -gleichmässigkeit werden systematisch kontrolliert um eine gleichbleibende Qualität auf hohem Niveau von Lot zu Lot zu garantieren.
- Die Maschenöffnungen sind engen Toleranzen unterworfen und werden systematisch kontrolliert.
- Die Oberflächen sind glatt und gleichmässig.
- Die Gewebedicke bewegt sich in engen Toleranzen innerhalb der Rollen und von Lot zu Lot.
- Die Reinheit entspricht hohen Anforderungen.
- Die Reproduzierbarkeit ist garantiert.

Nicht-Präzisionsgewebe

- Garndurchmesser und -gleichmässigkeit können von Garn zu Garn und sogar innerhalb eines Garnes variieren.
- Die Maschenöffnungen sind ungleichmässig und werden nicht systematisch kontrolliert.
- Die Oberflächen sind uneben und ungleichmässig.
- Die Gewebedicke kann innerhalb einer Rolle oder sogar innerhalb von wenigen cm variieren.
- Eine hohe Reinheit ist nicht garantiert.
- Die Reproduzierbarkeit ist nicht garantiert.

SEFAR NITEX®

SEFAR PETEX®

SEFAR® PROPYLTEX

SEFAR® FLUORTEX

SEFAR® PEAKTEX

Product Range

Sefar has a wide range of precision woven open mesh fabrics. High standing with the world's leading equipment and machine manufacturers (OEM) is the product of long-term participation, wide experience, and an excellent delivery service.

The following table informs you about the used materials with the number of articles and the ranges for mesh size, mesh count, yarn diameter, weight, thickness and fabric width. Main areas of application and market segments: Food industry, automotive industry, chemical and medical industry. Our sales engineers and application specialists will be pleased to advise you.

Produktesortiment

Sefar verfügt über ein vielfältiges Sortiment an offenmaschigen Präzisionsgeweben. Sein weltweites Renommee bei allen wichtigen Apparate- und Maschinenherstellern (OEM) ist die Frucht von guter Erfahrung und langfristiger Zusammenarbeit. Dazu trägt auch ein hervorragender Lieferservice bei.

Die folgende Tabelle ergibt einen Überblick pro Material mit der Anzahl Artikel und den Bereichen für Maschenweite, Fadenzahl, Garndurchmesser, Gewicht, Dicke und Gewebebreite. Hauptanwendungsgebiete und Segmente: Nahrungsmittelindustrie, Automobilindustrie, chemische Industrie und Medizintechnik. Unsere Verkaufingenieure und Anwendungsspezialisten beraten Sie gerne und unverbindlich.

Material Material	03 PA 6.6	06 PA 6	07 PET	05 PP	08 E-CTFE 09 ETFE	17 PEEK
No. of articles (approx.) Anzahl Artikel (ungefähr)	210	130	190	50	20	6
Mesh size [µm] Maschenweite [µm]	1–325	200–5000	1–5000	75–5100	70–2000	35–1000
Mesh count [n/in] Fadenzahl [n/cm]	60–690	4.3–72	4.3–686	4.1–157	9–160	17–356
Yarn diameter [µm] Garndurchmesser [µm]	23–271	1.7–28.5	1.7–270	1.6–62	3.5–63	7–140
Weight [oz/yd²] Gewicht [g/m²]	28–122	150–1000	32–1000	90–1000	85–800	38–500
Thickness [µm] Dicke [µm]	0.59–3.20	2.46–12.7	0.59–17.2	1.9–13.2	2.6–19.2	0.5–11
Width [inches] Breite [cm]	20–108	83–430	20–581	65–445	88–650	17–360
	50–225	250–1860	45–2100	195–1800	155–1535	50–950
	38–87	39–84	40–120	40–89	43–102	40–130
	96–220	98–213	102–305	102–225	110–260	102–330

Customized making-up

Both customized and off-the-shelf products benefit from the sound technical knowledge and wide experience of the specialists, while strict process controls guarantee the high quality of Sefar products.

Installations for heat and ultrasonic slitting, lasercutting, HF welding, US welding, sewing, edge coating, trimming as well as different closures enable tailor-made solutions.

Kundenspezifische Konfektion

Kundenspezifische oder konfektionierte Produkte profitieren vom fundierten technologischen Wissen und der reichen Erfahrung. Strenge Prozesskontrollen sichern schliesslich den hohen Qualitätsanspruch von Sefar-Produkten.

Technische Möglichkeiten und Installationen für Heiss- und US-schneiden, Laserschneiden, HF-schweißen, US-schweißen, Nähen, Kantenbeschichtung, Einfassungen sowie verschiedene Verschlüsse ermöglichen massgeschneiderte Lösungen.

Material Properties
Materialeigenschaften

	Unit Einheit	03 PA 6.6	06 PA 6	07 PET	05 PP	08 E-CTFE	09 ETFE	17 PEEK
Specific gravity Dichte	[g/mm ³]	1.14	1.14	1.38	0.91	1.69	1.75	1.30
Tensile strength Reissfestigkeit	[daN/mm ²]	41–67	41–67	45–75	35–62	28	40–50	33–75
Relative strength at wet conditions Relative Festigkeit bei Nässe	[%]	85–90	85–90	100	100	100	100	100
Elongation at break Reissdehnung	[%]	20–35	20–60	15–30	20–50	25	25	20–40
Moisture absorption at 20°C/65% r.h. Feuchtigkeitsaufnahme bei 20°C/65% r.F.	[%]	3.5–4	3.5–4.5	0.4	0	0.1	0	0.1
Working temperature dry Einsatztemperatur trocken	[°F] [°C]	239 115	239 115	302 150	194 90	284 140	302 150	482 250
Stability to light Lichtbeständigkeit		poor schlecht	poor schlecht	poor schlecht	poor schlecht	good gut	good gut	good gut
Abrasion resistance Abriebbeständigkeit		good gut	good gut	limited mässig	limited mässig	limited mässig	good gut	good gut
Acid resistance Säurebeständigkeit		limited–poor mässig–schlecht	limited–poor mässig–schlecht	good gut	good gut	good gut	good gut	good gut
Alcaline resistance Alkalibeständigkeit		good gut	good gut	limited mässig	good gut	good gut	good gut	good gut
Stability to solvents Lösungsmittelbeständigkeit		limited mässig	good gut	good gut	good gut	good gut	good gut	good gut
Hydrolysis resistance Hydrolysebeständigkeit		good gut	good gut	limited mässig	good gut	good gut	good gut	good gut

This information is derived from published data of the fiber manufacturers and generally reflects the resistance at 20 °C (68 °F) and of concentrated or saturated solutions under laboratory conditions. Rating, sample preparation, exposure time, load and other relevant factors vary between materials. Consequently, this information should be used as a guide only. Prior to any industrial application, users are strongly advised to determine the accuracy, safety and suitability of this of this information by laboratory and field tests. Sefar assumes no liability for accidents and/or damages that may result from the use of the information contained in this chart.

Alle Angaben basieren auf veröffentlichten Daten der Faserhersteller und beziehen sich in der Regel auf 20 °C (68 °F) und konzentrierte oder gesättigte Lösungen. Beurteilungskriterien, Probenaufbereitung, Einwirkungsdauer, Belastung und andere mitbestimmende Faktoren variieren zwischen den Materialien. Die Beständigkeitswerte haben deshalb nur Richtwertcharakter. Die Beständigkeiten müssen in jedem Fall vor einem industriellen Einsatz durch entsprechende Labor- und Feldversuche überprüft werden. Eine Haftung für Schäden oder Unfälle, die aufgrund der Verwendung dieser Tabelle entstehen, kann nicht übernommen werden.

SEFAR NITEX®

SEFAR PETEX®

SEFAR® PROPYLTEX

SEFAR® FLUORTEX

SEFAR® PEAKTEX

General information

Definitions

1. Product reference

a) Fiber material 03- 50/31

- 03 = PA 6.6
- 05 = PP
- 06 = PA 6
- 07 = PETP
- 08 = E-CTFE
- 09 = ETFE
- 17 = PEEK

b) Mesh opening [µm] 03- 50/31

c) Open area (a_O) [%] 03- 50/31

2. Mesh opening (w) [µm]

Testing instrument:
Electronic image analysis system

3. Open area (a_O) [%]

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

4. Mesh count (n) [n/cm], [n/in]

$$n/cm = \frac{10000}{(w + d)} \quad n/in = \frac{25400}{(w + d)}$$

5. Yarn diameter (d) [µm]

Instrument:
Electronic image analysis system,
The stated data are arithmetic means

6. Weight: [g/m²], [oz/yd²]

Test method: DIN 53854

7. Thickness [µm]

Test method: DIN 53855 part 1
Instrument: Long-stroke measuring instrument with digital display

8. Finished fabric widths on stock [cm], widths are nominal values, tolerances ±3 cm, with or without selvages

9. Raw fabric on stock or other available widths [cm]

Allgemeine Informationen

Definitionen

1. Gewebe-Bezeichnung

a) Fasermaterial 03- 50/31

- 03 = PA 6.6
- 05 = PP
- 06 = PA 6
- 07 = PETP
- 08 = E-CTFE
- 09 = ETFE
- 17 = PEEK

b) Maschenweite [µm] 03- 50/31

c) Offene Fläche (a_O) [%] 03- 50/31

2. Maschenweite (w) [µm]

Prüfgerät:
Elektronisches Bildanalysensystem

3. Offene Siebfläche (a_O) [%]

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

4. Siebfeinheit (n) [n/cm], [n/in]

$$n/cm = \frac{10000}{(w + d)} \quad n/in = \frac{25400}{(w + d)}$$

5. Garndurchmesser (d) [µm]

Prüfgerät:
Elektronisches Bildanalysensystem,
Angaben werden Mittelwerte

6. Gewicht: [g/m²], [oz/yd²]

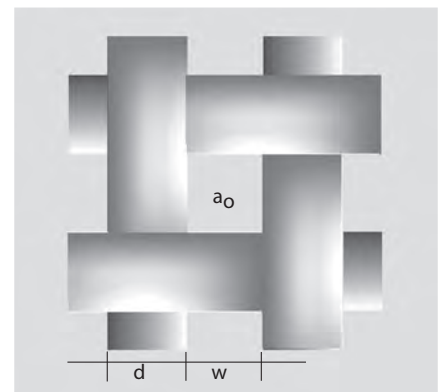
Prüfmethode: DIN 53854

7. Dicke [µm]

Prüfmethode: DIN 53855 Teil 1
Prüfgerät: Digitales Langwegmessgerät mit Ziffernanzeige

8. Ausgerüstete Gewebebreiten an Lager [cm], Angaben sind Nennwerte, Toleranzen ±3 cm, mit/ohne Webkanten

9. Rohgewebe an Lager oder weitere erhältliche Breiten [cm]



a_O Open area / Offene Siebfläche
d Yarn diameter / Garndurchmesser
w Mesh opening / Maschenweite

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
Product reference	Mesh opening	Open area	Mesh count, warp	Mesh count, weft	Mesh count, warp	Mesh count, weft	Wire diameter, warp	Wire diameter, weft	Weight	Weight	Thickness	Width on stock	Width on request
	[µm]	[%]	[n/cm]	[n/cm]	[n/in]	[n/in]	[µm]	[µm]	[g/m²]	[oz/yd²]	[µm]	[cm]	[cm]

SEFAR NITEX®

03-1/1	0	1	275.0	185.0	699	470	37	37	60	1.8	75	115	-
03-5/1	0	1	275.0	185.0	699	470	37	37	60	1.8	100	115	-
03-7/2	0	2	165.0	270.0	419	686	45	31	50	1.5	60	102	-
03-10/2	0	2	190.0	190.0	483	483	28	28	40	1.2	45	102	96
03-10/3	0	3	183.0	280.0	465	711	45	31	50	1.5	80	102	-
03-6/5	0	5	275.0	185.0	699	470	37	37	60	1.8	100	115	-
03-11/6	0	6	215.0	215.0	546	546	36	36	45	1.3	65	102	-
03-15/5	15	5	168.0	260.0	427	660	45	31	50	1.5	80	-	102
03-15/10	15	10	202.0	202.0	513	513	35	35	40	1.2	60	102	-
03-20/14	20	14	188.0	188.0	478	478	34	34	35	1.0	55	102	-
												144	
03-22/14	22	14	170.0	170.0	432	432	40	40	38	1.1	65	-	154
03-25/14	25	14	150.0	150.0	381	381	42	42	43	1.3	79	-	102
03-25/19	25	19	174.0	174.0	442	442	33	33	30	0.9	55	102	-
												150	
03-28/17	28	17	148.0	148.0	376	376	40	40	35	1.0	65	102	-
03-30/18	30	18	142.0	142.0	361	361	40	40	35	1.0	60	108	-
03-30/20	30	20	150.0	150.0	381	381	40	40	35	1.0	70	115	-
03-31/24	31	24	155.0	155.0	394	394	33	33	30	0.9	55	102	-
03-35/16	35	16	100.0	128.0	254	325	43	2	49	1.4	97	115	-
03-36/28	36	28	146.0	146.0	371	371	33	33	25	0.7	50	104	-
03-37/24	37	24	132.0	132.0	335	335	39	39	35	1.0	60	102	-
												153	
03-38/22	38	22	124.0	124.0	315	315	43	43	35	1.0	70	102	-
03-41/31	41	31	136.0	136.0	345	345	33	33	25	0.7	50	108	190
												158	
03-48/26	48	26	106.0	106.0	269	269	47	47	35	1.0	75	102	-
03-48/31	48	31	117.0	117.0	297	297	38	38	30	0.9	60	102	-
												154	
03-50/31	50	31	112.0	112.0	284	284	40	40	30	0.9	60	109	-
												153	
03-50/37	50	37	121.0	121.0	307	307	33	33	20	0.6	50	102	-
												150	
03-53/30	53	30	144.0	104.0	366	264	2	43	43	1.3	100	108	-
03-55/32	55	32	104.0	104.0	264	264	42	42	30	0.9	65	102	-
03-60/32	60	32	90.0	90.0	229	229	47	47	34	1.0	75	148	-
03-60/35	60	35	95.0	95.0	241	241	47	47	34	1.0	76	110	-
03-64/32	64	32	90.0	90.0	229	229	53	53	39	1.2	80	102	-
03-64/45	64	45	105.0	105.0	267	267	33	33	19	0.6	50	108	-
03-65/25	65	25	77.0	77.0	196	196	65	65	55	1.6	110	120	-
03-65/39	65	39	95.0	95.0	241	241	42	42	29	0.9	64	-	102
03-70/33	70	33	81.0	81.0	206	206	53	53	38	1.1	80	102	-
03-70/41	70	41	92.0	92.0	234	234	39	39	25	0.7	60	115	-
												152	
03-74/21	74	21	61.0	61.0	155	155	89	89	80	2.4	155	115	-
03-75/34	75	34	70.0	85.0	178	216	50	43	35	1.0	93	136	-
03-80/29	80	29	63.0	63.0	160	160	77	77	67	2.0	125	102	-
03-80/37	80	37	76.0	76.0	193	193	52	52	35	1.0	80	102	-
												154	
03-80/41	80	41	80.0	80.0	203	203	46	46	30	0.9	75	102	-
03-85/35	85	35	68.0	68.0	173	173	65	65	49	1.4	105	115	-
03-90/36	90	36	67.0	67.0	170	170	65	65	49	1.4	100	158	-
03-90/49	90	49	78.0	78.0	198	198	39	39	20	0.6	60	115	-

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
Product reference	Mesh opening	Open area	Mesh count, warp	Mesh count, weft	Mesh count, warp	Mesh count, weft	Wire diameter, warp	Wire diameter, weft	Weight	Weight	Thickness	Width on stock	Width on request
	[µm]	[%]	[n/cm]	[n/cm]	[n/in]	[n/in]	[µm]	[µm]	[g/m²]	[oz/yd²]	[µm]	[cm]	[cm]
SEFAR NITEX®													
03-100/32	100	32	57.0	57.0	145	145	77	77	55	1.6	125	98 115 158	-
03-100/44	100	44	66.0	66.0	168	168	51	51	30	0.9	80	102	-
03-103/39	103	39	62.0	62.0	157	157	62	62	45	1.3	105	102 153	-
03-110/47	110	47	62.0	62.0	157	157	51	51	31	0.9	75	102	-
03-118/42	118	42	51.0	60.0	130	152	60	50	34	1.0	115	-	115
03-120/34	120	34	49.0	49.0	124	124	85	85	60	1.8	145	122	-
03-120/49	120	49	59.0	59.0	150	150	51	51	28	0.8	80	102	-
03-125/37	125	37	48.8	48.8	124	124	85	85	62	1.8	137	136	-
03-125/39	125	39	50.0	50.0	127	127	75	75	50	1.5	135	102	-
03-125/45	125	45	53.0	53.0	135	135	62	62	43	1.3	100	102	-
03-130/52	130	52	56.0	56.0	142	142	50	50	21	0.6	80	102	-
03-132/40	132	40	45.0	45.0	114	114	83	83	50	1.5	130	115	-
03-132/43	132	43	49.0	49.0	124	124	75	75	49	1.4	125	-	158
03-140/37	140	37	44.0	44.0	112	112	95	95	65	1.9	159	115	-
03-140/41	140	41	45.0	45.0	114	114	83	83	50	1.5	130	-	158
03-150/38	150	38	41.0	41.0	104	104	95	95	60	1.8	155	102 115 136 153	-
03-150/50	150	50	47.0	47.0	119	119	62	62	35	1.0	95	102	-
03-151/42	151	42	43.0	43.0	109	109	83	83	55	1.6	145	115	-
03-160/37	160	37	37.0	37.0	94	94	105	105	75	2.2	165	115	-
03-160/53	160	53	45.0	45.0	114	114	61	61	34	1.0	100	102	-
03-165/44	165	44	41.0	41.0	104	104	83	83	50	1.5	140	102 158	-
03-170/54	170	54	43.0	43.0	109	109	62	62	32	0.9	100	102	-
03-175/39	175	39	36.0	36.0	91	91	105	105	70	2.1	165	-	115
03-177/34	177	34	33.0	33.0	84	84	125	125	108	3.2	220	115 158	-
03-180/44	180	44	37.0	37.0	94	94	93	93	64	1.9	155	102	-
03-190/57	190	57	40.0	40.0	102	102	62	62	30	0.9	100	102	-
03-200/39	200	39	30.0	30.0	76	76	122	122	85	2.5	225	115	136
03-200/45	200	45	32.0	32.0	81	81	105	105	60	1.8	185	102	-
03-200/47	200	47	34.0	34.0	86	86	92	92	60	1.8	150	102	158
03-200/48	200	48	34.0	34.0	86	86	80	80	43	1.3	185	136	-
03-200/54	200	54	37.0	37.0	94	94	73	73	37	1.1	125	102	-
06-210/33	210	33	28.0	28.0	71	71	155	155	105	3.1	275	100	158
03-210/40	210	40	30.0	30.0	76	76	122	122	85	2.5	215	-	115
03-225/42	225	42	29.0	29.0	74	74	122	122	80	2.4	200	-	115
03-236/44	236	44	28.0	28.0	71	71	122	122	77	2.3	210	-	115
06-240/37	240	37	25.0	25.0	64	64	155	155	85	2.5	290	-	115
03-240/44	240	44	28.0	28.0	71	71	122	122	75	2.2	220	-	196
06-250/34	250	34	23.0	23.0	58	58	170	170	130	3.8	290	102 142	-
03-250/50	250	50	29.0	29.0	74	74	103	103	55	1.6	170	102	-
03-255/46	255	46	27.0	27.0	69	69	122	122	75	2.2	205	115	-
06-275/44	275	44	24.0	24.0	61	61	155	155	84	2.5	255	-	115
06-280/45	280	45	24.0	24.0	61	61	155	155	83	2.5	255	115	-
03-280/51	280	51	25.0	25.0	64	64	122	122	70	2.1	210	-	158
06-300/34	300	34	20.0	20.0	51	51	215	215	170	5.0	390	115	186

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
Product reference	Mesh opening	Open area	Mesh count, warp	Mesh count, weft	Mesh count, warp	Mesh count, weft	Wire diameter, warp	Wire diameter, weft	Weight	Weight	Thickness	Width on stock	Width on request
	[µm]	[%]	[n/cm]	[n/cm]	[n/in]	[n/in]	[µm]	[µm]	[g/m²]	[oz/yd²]	[µm]	[cm]	[cm]

SEFAR NITEX®

03-300/51	300	51	24.0	24.0	61	61	122	122	75	2.2	200	102 112 153	-
06-310/45	310	45	22.0	22.0	56	56	151	151	92	2.7	250	115	136
06-315/44	315	44	21.0	21.0	53	53	180	180	102	3.0	300	115	-
06-335/46	335	46	20.0	20.0	51	51	168	168	100	3.0	300	-	115
06-350/35	350	35	17.0	17.0	43	43	240	240	170	5.0	400	103	-
06-350/42	350	42	18.5	18.5	47	47	190	190	110	3.3	330	115	-
06-355/48	355	48	19.0	19.0	48	48	180	180	94	2.8	300	115 136	-
06-390/47	390	47	18.0	18.0	46	46	190	190	140	4.1	310	136	-
06-400/38	400	38	15.0	15.0	38	38	250	250	180	5.3	450	106	-
06-405/47	405	47	17.0	17.0	43	43	190	190	110	3.3	330	-	115
06-425/46	425	46	16.0	16.0	41	41	205	205	130	3.8	365	115	-
06-430/38	430	38	14.0	14.0	36	36	272	272	200	5.9	510	-	152
06-450/48	450	48	15.0	15.0	38	38	205	205	125	3.7	360	115	158
06-475/56	475	56	16.0	16.0	41	41	180	180	85	2.5	290	108	-
06-500/38	500	38	12.0	12.0	30	30	315	315	225	6.7	580	115 158	-
06-500/47	500	47	14.0	14.0	36	36	225	225	130	3.8	375	136	-
06-530/50	530	50	13.0	13.0	33	33	230	230	130	3.8	400	-	158
06-600/41	600	41	11.0	11.0	28	28	335	335	235	7.0	630	115	-
06-600/51	600	51	12.0	12.0	30	30	245	245	135	4.0	440	115	-
06-600/59	600	59	13.0	13.0	33	33	180	180	80	2.4	350	-	158
06-670/53	670	53	11.0	11.0	28	28	272	272	136	4.0	475	-	115
06-700/44	700	44	10.0	10.0	25	25	355	355	225	6.7	650	112	-
06-700/53	700	53	11.0	11.0	28	28	265	265	140	4.1	485	115	-
06-750/52	750	52	9.5	9.5	24	24	290	290	140	4.1	495	115	-
06-780/53	780	53	9.4	9.4	24	24	290	290	140	4.1	550	115	-
06-850/46	850	46	8.0	8.0	20	20	405	405	255	7.5	800	109	-
06-950/57	950	57	8.0	8.0	20	20	305	305	140	4.1	560	-	112
06-1000/44	1000	44	6.7	6.7	17	17	515	515	330	9.8	890	110 142	-
06-1000/57	1000	57	7.5	7.5	19	19	330	330	150	4.4	605	108	-
06-1140/66	1140	66	7.1	7.1	18	18	265	265	93	2.7	490	-	158
06-1180/59	1180	59	6.5	6.5	17	17	360	360	160	4.7	650	110	-
06-1320/59	1320	59	5.8	5.8	15	15	405	405	190	5.6	770	108	-
06-1400/49	1400	49	5.0	5.0	13	13	610	610	340	10.1	1160	158	102 180
06-1550/60	1550	60	5.0	5.0	13	13	450	450	185	5.5	790	108	-
03-1560/61	1560	61	5.0	5.0	13	13	450	450	185	5.5	790	136	-
03-1560/61	1560	61	5.0	5.0	13	13	450	450	185	5.5	790	-	136
06-1700/50	1700	50	4.2	4.2	11	11	695	695	385	11.4	1300	104	-
06-1800/61	1800	61	4.4	4.4	11	11	500	500	200	5.9	910	-	115
06-2000/53	2000	53	3.6	3.6	9	9	750	750	380	11.2	1325	102 158	-
06-2400/55	2400	55	3.1	3.1	8	8	850	850	415	12.3	1500	102	183
06-3300/59	3300	59	2.3	2.3	6	6	1000	1000	460	13.6	1860	190	102
06-5000/72	5000	72	1.7	1.7	4	4	900	900	270	8.0	1680	-	115

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
Product reference	Mesh opening	Open area	Mesh count, warp	Mesh count, weft	Mesh count, warp	Mesh count, weft	Wire diameter, warp	Wire diameter, weft	Weight	Weight	Thickness	Width on stock	Width on request
	[µm]	[%]	[n/cm]	[n/cm]	[n/in]	[n/in]	[µm]	[µm]	[g/m²]	[oz/yd²]	[µm]	[cm]	[cm]

SEFAR PETEX®

07-5/1	0	1	270.0	175.0	686	445	34	34	65	1.9	80	-	115
07-10/2	0	2	160.0	180.0	406	457	47	47	60	1.8	55	185	-
07-1/2	0	2	270.0	175.0	686	445	34	34	70	2.1	70	115	185
07-11/5	0	5	206.0	206.0	523	523	38	38	50	1.5	60	102	158
07-6/5	0	5	270.0	175.0	686	445	34	34	65	1.9	90	115	185
07-15/9	15	9	194.0	194.0	493	493	37	37	45	1.3	55	108 125	-
07-17/9	17	9	177.0	177.0	450	450	40	40	50	1.5	75	102	-
07-20/13	20	13	177.0	177.0	450	450	37	37	40	1.2	60	110	-
07-21/12	21	12	163.0	163.0	414	414	41	35	45	1.3	70	102	-
07-27/16	27	16	146.0	146.0	371	371	42	42	45	1.3	65	102	220
07-30/21	30	21	153.0	153.0	389	389	36	36	35	1.0	50	115	158
07-33/10	33	10	93.0	93.0	236	236	75	75	85	2.5	125	158	-
07-33/21	33	21	138.0	138.0	351	351	40	40	40	1.2	60	102 142	158
07-38/20	38	20	118.0	118.0	300	300	47	47	45	1.3	70	102	-
07-40/12	40	12	90.0	90.0	229	229	75	75	88	2.6	128	136	-
07-40/25	40	25	126.0	126.0	320	320	40	40	35	1.0	60	102	-
07-44/25	44	25	113.0	113.0	287	287	45	45	40	1.2	70	102 153 198	-
07-51/33	51	33	113.0	113.0	287	287	38	38	30	0.9	60	102	122
07-54/24	54	24	91.0	91.0	231	231	56	56	50	1.5	90	102	-
07-59/33	59	33	97.0	97.0	246	246	44	44	35	1.0	65	102 200	-
07-64/45	64	45	105.0	105.0	267	267	32	32	20	0.6	45	110	-
07-73/40	73	40	87.0	87.0	221	221	43	43	30	0.9	65	102	-
07-74/34	74	34	78.0	78.0	198	198	54	54	45	1.3	85	102 150	200
07-80/32	80	32	71.0	71.0	180	180	62	62	50	1.5	90	102	153
07-85/46	85	46	80.0	80.0	203	203	43	43	29	0.9	65	115	-
07-90/30	90	30	61.0	61.0	155	155	79	79	70	2.1	115	154	-
07-100/32	100	32	57.0	57.0	145	145	77	77	65	1.9	125	102 153	-
07-102/44	102	44	65.0	65.0	165	165	52	52	35	1.0	80	102	-
07-105/18	105	18	40.0	40.0	102	102	147	147	190	5.6	275	102 135 143	-
07-105/52	105	52	69.0	69.0	175	175	42	42	25	0.7	63	106	281
07-115/36	115	36	54.0	54.0	137	137	70	70	55	1.6	105	267	-
07-120/34	120	34	48.0	48.0	122	122	88	88	75	2.2	140	152	-
07-120/50	120	50	58.0	58.0	147	147	52	52	31	0.9	80	-	53
07-130/37	130	37	46.0	46.0	117	117	86	86	70	2.1	145	152	-
07-131/27	131	27	39.3	39.3	100	100	124	124	140	4.1	240	158	102
07-135/40	135	40	48.0	48.0	122	122	73	73	55	1.6	115	-	158
07-142/43	142	43	46.0	46.0	117	117	75	75	50	1.5	115	-	153
07-150/37	150	37	40.0	40.0	102	102	96	96	75	2.2	160	102	-
07-150/41	150	41	43.0	43.0	109	109	86	86	65	1.9	140	102 152	281
07-158/26	158	26	34.0	34.0	86	86	145	145	160	4.7	280	129 145	-
07-160/43	160	43	41.0	41.0	104	104	84	84	57	1.7	140	115	-
07-170/41	170	41	38.0	38.0	97	97	96	96	70	2.1	150	102	-
07-180/31	180	31	30.5	30.5	77	77	147	147	130	3.8	250	102	150

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
Product reference	Mesh opening	Open area	Mesh count, warp	Mesh count, weft	Mesh count, warp	Mesh count, weft	Wire diameter, warp	Wire diameter, weft	Weight	Weight	Thickness	Width on stock	Width on request
	[µm]	[%]	[n/cm]	[n/cm]	[n/in]	[n/in]	[µm]	[µm]	[g/m²]	[oz/yd²]	[µm]	[cm]	[cm]
SEFAR PETEX®													
07-180/46	180	46	35.7	35.7	91	91	64	64	51	1.5	142	-	136
07-200/39	200	39	31.0	31.0	79	79	121	121	100	3.0	215	110 154	-
07-200/43	200	43	33.0	33.0	84	84	104	104	75	2.2	170	150	115
07-210/35	210	35	28.0	28.0	71	71	147	147	135	4.0	250	154	-
07-230/43	230	43	28.5	28.5	72	72	122	122	90	2.7	215	-	130
07-240/59	240	59	32.0	32.0	81	81	73	73	35	1.0	115	118	-
07-250/39	250	39	24.5	24.5	62	62	152	152	140	4.1	290	145	-
07-250/46	250	46	27.0	27.0	69	69	122	122	95	2.8	203	115	-
07-265/47	265	47	26.0	26.0	66	66	122	122	85	2.5	200	-	115 150
07-285/44	285	44	24.0	24.0	61	61	145	145	110	3.3	260	-	102
07-285/55	285	55	26.0	26.0	66	66	103	103	60	1.8	168	102	-
07-300/36 TBA190	300	36	20.0	20.0	51	51	205	205	180	5.3	405	203	-
07-300/36	300	36	20.0	20.0	51	51	205	205	180	5.3	405	115 158	-
07-300/46	300	46	22.5	22.5	57	57	143	143	95	2.8	245	100	-
07-315/44	315	44	21.0	21.0	53	53	165	165	119	3.5	285	115	-
07-335/46	335	46	20.2	20.2	51	51	165	165	120	3.6	280	-	136
07-350/34	350	34	16.7	16.7	42	42	250	250	234	6.9	505	158	-
07-355/47	355	47	19.4	19.4	49	49	165	165	115	3.4	375	136	-
07-375/46	375	46	18.0	18.0	46	46	188	188	125	3.7	330	115	-
07-400/48	400	48	17.2	17.2	44	44	188	188	115	3.4	335	115	136 158
07-420/39	420	39	15.0	15.0	38	38	250	250	210	6.2	500	265	-
07-425/46	425	46	16.0	16.0	41	41	200	200	155	4.6	355	-	115 136
07-450/48	450	48	15.4	15.4	39	39	200	200	150	4.4	350	-	115 136
07-465/49	465	49	15.0	15.0	38	38	200	200	135	4.0	365	-	136
07-500/39	500	39	12.5	12.5	32	32	300	300	255	7.5	620	142 164	151 205
07-500/48	500	48	14.0	14.0	36	36	220	220	150	4.4	410	115 136	-
07-560/49	560	49	12.5	12.5	32	32	250	250	175	5.2	450	-	136
07-600/51	600	51	12.0	12.0	30	30	245	245	165	4.9	450	115 136	158
07-670/52	670	52	10.7	10.7	27	27	265	265	175	5.2	475	-	158
07-710/45	710	45	9.4	9.4	24	24	350	350	250	7.4	745	-	158
07-710/54	710	54	10.3	10.3	26	26	260	260	170	5.0	465	115	136
07-800/48	800	48	8.7	8.7	22	22	350	350	128	3.8	680	-	180
07-800/55	800	55	9.0	9.0	23	23	280	280	165	4.9	520	115 158	-
07-840/46	840	46	8.0	8.0	20	20	400	400	280	8.3	785	110 143 203	-
07-850/55	850	55	8.7	8.7	22	22	300	300	190	5.6	600	-	136
07-900/56	900	56	8.3	8.3	21	21	300	300	180	5.3	575	-	136
07-950/58	950	58	8.0	8.0	20	20	300	300	175	5.2	575	-	136

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
Product reference	Mesh opening	Open area	Mesh count, warp	Mesh count, weft	Mesh count, warp	Mesh count, weft	Wire diameter, warp	Wire diameter, weft	Weight	Weight	Thickness	Width on stock	Width on request
	[µm]	[%]	[n/cm]	[n/cm]	[n/in]	[n/in]	[µm]	[µm]	[g/m²]	[oz/yd²]	[µm]	[cm]	[cm]

SEFAR PETEX®

07-1000/45TBA200	1000	45	6.7	6.7	17	17	500	500	400	11.8	1000	125 145 167 183 202 226 253 305	-
07-1000/45 HD	1000	45	6.7	6.7	17	17	500	500	400	11.8	1000	320	-
07-1000/58	1000	58	7.6	7.6	19	19	320	320	185	5.5	585	115 136	-
07-1180/60	1180	60	6.5	6.5	17	17	350	350	175	5.2	740	-	110
07-1190/47	1190	47	5.7	5.7	14	14	550	550	397	11.7	1010	142	-
07-1320/59	1320	59	5.8	5.8	15	15	400	400	200	5.9	740	109	-
07-1410/49	1410	49	5.0	5.0	13	13	600	600	420	12.4	1145	158	-
07-1600/61	1600	61	4.9	4.9	12	12	450	450	236	7.0	840	115	-
07-1680/50	1680	50	4.2	4.2	11	11	700	700	465	13.8	1300	158	-
07-1800/61	1800	61	4.3	4.3	11	11	500	500	245	7.2	1000	110	142
07-2000/51	2000	51	3.6	3.6	9	9	800	800	552	16.3	1500	104 158 201	-
07-2200/47 blue	2200	47	3.2	3.2	8	8	1000	1000	760	22.5	1860	210	-
07-2380/53	2380	53	3.1	3.1	8	8	900	900	600	17.8	1700	104 158	-
07-3000/62	3000	62	2.6	2.6	7	7	800	800	385	11.4	1480	102	-
07-3000/62 TBA190	3000	62	2.6	2.6	7	7	800	800	385	11.4	1480	-	165
07-3400/60	3400	60	2.3	2.3	6	6	1000	1000	500	14.8	1900	220	-
07-4000/64	4000	64	2.0	2.0	5	5	1000	1000	460	13.6	1900	108 158	-
07-5000/72	5000	72	1.7	1.7	4	4	900	900	320	9.5	1700	158	-

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
Product reference	Mesh opening	Open area	Mesh count, warp	Mesh count, weft	Mesh count, warp	Mesh count, weft	Wire diameter, warp	Wire diameter, weft	Weight	Weight	Thickness	Width on stock	Width on request
	[µm]	[%]	[n/cm]	[n/cm]	[n/in]	[n/in]	[µm]	[µm]	[g/m²]	[oz/yd²]	[µm]	[cm]	[cm]

SEFAR PROPYLTEX

05-105/25	105	25	47.5	47.5	121	121	106	106	78	2.3	230	115	-
05-105/16	110	16	36.5	36.5	93	93	165	165	134	4.0	360	158	-
05-125/30	125	30	43.5	43.5	110	110	106	106	68	2.0	200	139	-
05-150/34	150	34	38.5	38.5	98	98	110	110	65	1.9	195	104 142	-
05-177/29	177	29	29.0	30.0	74	76	165	165	110	3.3	314	139	-
05-210/32	210	32	27.0	27.0	69	69	165	165	95	2.8	295	102 145	-
05-250/29	250	29	22.2	22.2	56	56	215	215	140	4.1	430	139	-
05-280/41	280	41	22.7	22.7	58	58	165	165	90	2.7	300	124	-
05-295/23	295	23	16.2	16.2	41	41	340	340	245	7.2	610	145	-
05-297/35	297	34	20.0	20.0	51	51	215	215	125	3.7	420	145	-
05-350/32	350	32	16.2	16.2	41	41	270	270	160	4.7	515	144	-
05-405/41	405	41	15.7	16.8	40	43	230	230	100	3.0	350	112	-
05-420/30	420	30	13.9	13.9	35	35	300	300	200	5.9	610	139	-
05-500/36	500	36	12.2	12.2	31	31	340	340	180	5.3	610	102 144 225	-
05-600/60	600	60	13.0	13.0	33	33	150	150	40	1.2	270	-	130
05-710/41	710	41	9.0	9.0	23	23	440	440	216	6.4	800	-	142
05-840/45	840	45	8.0	8.0	20	20	440	440	190	5.6	725	145	-
05-1000/45	1000	45	6.8	6.8	17	17	500	500	300	8.9	1020	148	-
05-1190/42	1190	42	5.6	5.5	14	14	600	600	318	9.4	1340	148	-
05-1680/46	1680	46	4.0	4.0	10	10	800	800	410	12.1	1600	139	-
05-2000/51	2000	51	3.6	3.6	9	9	800	800	310	9.2	1310	139	-
05-2400/50	2400	50	2.9	2.9	7	7	1000	1000	470	13.9	1730	115	-
05-3360/60	3360	60	2.3	2.3	6	6	1000	1000	340	10.1	1800	142	-

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
Product reference	Mesh opening	Open area	Mesh count, warp	Mesh count, weft	Mesh count, warp	Mesh count, weft	Wire diameter, warp	Wire diameter, weft	Weight	Weight	Thickness	Width on stock	Width on request
	[µm]	[%]	[n/cm]	[n/cm]	[n/in]	[n/in]	[µm]	[µm]	[g/m²]	[oz/yd²]	[µm]	[cm]	[cm]

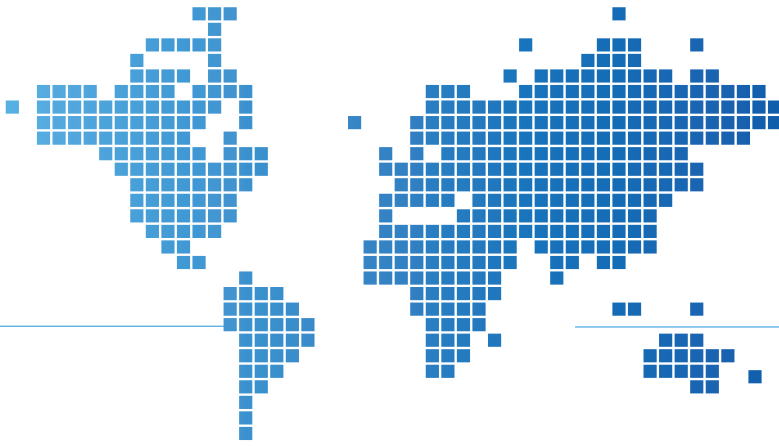
SEFAR FLUORTEX

02-70/22	70	22	63.0	63.0	160	160	85	85	145	4.3	158	123	-
02-85/27	85	27	60.5	60.5	154	154	85	85	0	0.0	175	-	115
02-150/36	150	36	40.0	40.0	102	102	100	100	138	4.1	200	-	120
09-150/36	150	36	40.0	40.0	102	102	105	105	110	3.3	200	-	123
09-250/39	250	39	25.0	25.0	64	64	152	152	165	4.9	290	123	-
08-250/39	250	39	25.0	25.0	64	64	152	152	145	4.3	290	-	265
09-300/36	300	36	20.0	20.0	51	51	215	215	230	6.8	385	-	123
09-420/39	420	39	14.9	14.9	38	38	260	260	260	7.7	450	-	130
09-500/42	500	42	13.0	13.0	33	33	280	280	270	8.0	500	-	132
09-590/47	590	47	11.5	11.5	29	29	275	275	240	7.1	485	-	123
09-850/58	850	58	8.9	8.9	23	23	275	275	180	5.3	505	-	123
09-1000/45	1000	45	6.7	6.7	17	17	515	515	480	14.2	1000	123	-
09-1800/61	1800	61	4.4	4.4	11	11	500	500	310	9.2	1000	-	110
09-2000/60	2000	60	3.8	3.8	10	10	610	610	375	11.1	1130	-	123

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
Product reference	Mesh opening	Open area	Mesh count, warp	Mesh count weft	Mesh count, warp	Mesh count, weft	Wire diameter, warp	Wire diameter, weft	Weight	Weight	Thickness	Width on stock	Width on request
	[µm]	[%]	[n/cm]	[n/cm]	[n/in]	[n/in]	[µm]	[µm]	[g/m²]	[oz/yd²]	[µm]	[cm]	[cm]

SEFAR PEAKTEX

17-35/22	35	22	140.0	140.0	356	356	38	38	39	1.2	71	102	-
17-100/34	100	32	57.0	57.0	145	145	77	77	65	1.9	125	153	-
17-115X145/58	100	58	73.0	52.0	185	132	38	38	17	0.5	50	-	150
17-220/56	220	56	34.0	34.0	86	86	71	71	36	1.1	128	124	-
17-300/36	300	36	19.0	20.0	48	51	200	200	165	4.9	370	-	330
17-425/27	425	27	12.0	12.0	30	30	400	400	430	12.7	800	-	225 240 350
17-600/70	600	73	14.0	14.0	36	36	100	100	101	3.0	180	-	130
17-800/45	800	45	8.0	8.0	20	20	400	400	281	8.3	750	-	263



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 in 25 countries on 5 continents 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

Subsidiaries Americas

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

Canada – Saguenay
Phone +1 418 690 0888
info.bdh@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
oceaniasales@sefar.com

New Zealand – Auckland
Phone +64 9 622 3330
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 21 5890 2065 /66 /68
info.id@sefar.com

Japan – Osaka
Phone +81 64 709 1070
info.jp@sefar.com

Korea – Seoul
Phone +82 2 713 9135
info.kr@sefar.com

Malaysia – Johor
Phone +60 786 771 88
info.my@sefar.com

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

Thailand – Bangkok
Phone +66 261 887 78
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-fyltis.fr

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

Important Notice: PA 6 and PA 66 have the tendency to a strong moisture absorption of up to 4%. This specific behavior and the characteristic to react to changes of temperature lead to changes in the fabric dimensions, which, according to our investigations, are in normal cases largely reversible. For this reason PA 6 and PA 66 products, which are manufactured and made up within the global Sefar production network, are processed in a stable climatic environment. All stated values are arithmetic means of samples (X).

In accordance with Sefar's policy of continuous product improvement, specifications and other information in this publication are subject to change without notice. The user is responsible for determining fitness, merchantability and suitability of purpose before use.

Wichtiger Hinweis: PA 6 und PA 66 haben die Tendenz zu einer starken Feuchtigkeitssaufnahme von bis zu 4%. Dieses spezifische Verhalten und die Eigenschaft auf Temperatur zu reagieren, führt zu Dimensionsänderungen bei Geweben, welche aber, gemäss unseren Untersuchungen, im Regelfall reversibel sind. Deshalb werden PA 6 und PA 66 Produkte innerhalb des weltweiten Sefar Produktionsnetzwerkes unter stabilen klimatischen Verhältnissen verarbeitet. Alle Angaben sind Stichproben-Mittelwerte (X).

Im Einklang mit der Sefar-Geschäftspolitik, die eine dauernde Kontrolle und Verbesserung unserer Produkte definiert, behalten wir uns die Änderung der technischen Daten jederzeit vor. Der Endverbraucher ist verpflichtet, die verwendeten Produkte auf deren Eignung zum Verwendungszweck vor dem Einsatz zu prüfen.