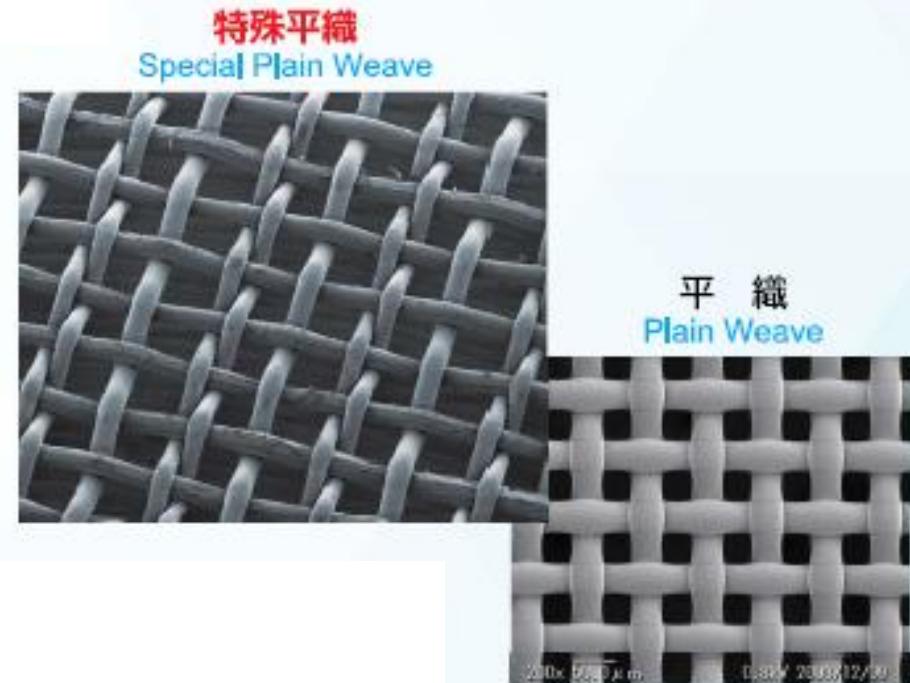
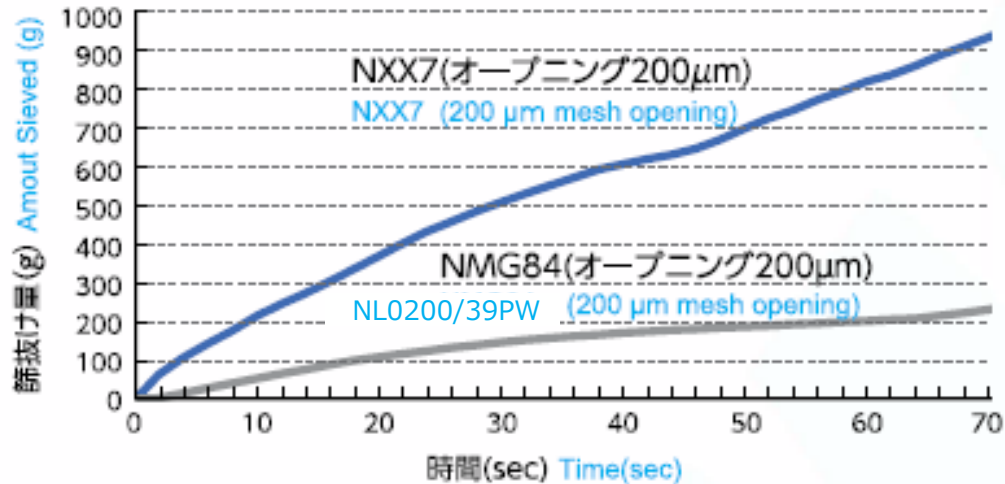


1. Sieve mesh NXX series

Comparison of sieving efficiency :
Special Plain Weave (NXX) versus Normal Plain Weave (NL)



Our sieve mesh, NXX series complies with FDA standards.

2. NXX series

ナイロンメッシュ NYLON MONOFILAMENT MESH

■ NXX規格表 (特殊平織) NXX Mesh Specifications (Special Plain Weave) 長さ : 30m乱 Length: Approx. 30meters ▲ 受注生産 Made to order									
品番 Item Number	メッシュ(本/inch) Mesh Count	オープニング(μm) Mesh Opening	オープニングエリア(%) Open Area	線径(μm) Thread Diameter	規格巾(cm) Standard Width				
					102	107	120	135	160
NXXX 25	200	41	10	43・43/43・43			●		
NXX 25	198/240	63	30	43・43/43	●				
NXX 18	190/224	65	27	43・50/50		●			
NXX 17	180/209	72	30	43・50/50		●			
NXX 16	174/208	75	32	43・50/50			●		
NXX 15	165/190	85	35	43・50/50			●		
NXX 14 1/2 ▲	160.5/182	90	37	43・50/50			●		
NXX 14	158/172	95	38	43・50/50				●	
NXX 13	148/156	100	36	43・61/61				●	●
NXX 12 1/2	142/152	106	37	43・61/61			●		
NXX 12	137/147	112	39	43・61/61				●	●
NXX 11	133/141	118	41	43・61/61				●	●
NXX 10 1/2	128/136	125	42	43・61/61			●		
NXX 10	121/130	132	42	50・61/61				●	
NXX 9 1/2	115/127	140	44	50・61/61			●		
NXX 9	108/115	150	43	50・70/70				●	●
NXX 8 1/2	104/110	160	45	50・70/70			●		
NXX 8	90.5/101.5	180	46	61・80/70				●	
NXX 7 1/2 ▲	87/97	190	48	61・80/70					●
NXX 7	84.5/91	200	48	61・80/80				●	●
NXX 4 ▲	63.5/67	280	52	70・100/100					●
NXX 3 ▲	59/63.5	300	52	80・100/100					●

The availability and continuously produced items are subject to change. Please inquire us each case.

3. Metal Mesh SUS304

金属メッシュ METAL MESH

■ SUS304メッシュ SUS Mesh 304 Specifications

品番 Item Number	メッシュ(本/inch) Mesh Count	線径(μm) Wire Diameter	オープニング(μm) Mesh Opening	オープニングエリア(%) Open Area	厚さ(μm) Mesh Thickness	規格巾(cm) Standard Width		
						100cm	122cm	152cm
SUS304 795-016	795	16	16	25	37			
SUS304 730-013	730	13	22	39	28	●	●	
SUS304 640-015	640	15	25	39	35	●	●	
SUS304 500-019	500	19	32	39	41	●	●	
SUS304 400-019	400	19	45	49	39	●	●	
SUS304 400-023	400	23	41	41	55	●	●	●
SUS304 325-023	325	23	55	50	50		●	
SUS304 325-028	325	28	50	41	64	●	●	
SUS304 325-030	325	30	48	38	68	●	●	●
SUS304 300-030	300	30	55	42	68		●	
SUS304 280-035	280	35	56	38	65		●	
SUS304 250-030	250	30	72	50	60	●	●	●
SUS304 250-035	250	35	67	43	65		●	
SUS304 230-035	230	35	75	47	66		●	
SUS304 200-040	200	40	87	47	80	●	●	●
SUS304 180-050	180	50	91	42	100	●	●	
SUS304 165-045	165	45	109	50	90	●	●	
SUS304 150-060	150	60	109	42	120	●	●	●
SUS304 150-065	150	65	104	38	130	●	●	●
SUS304 120-080	120	80	132	39	160	●	●	
SUS304 100-100	100	100	154	37	200	●	●	
SUS304 80-120	80	120	196	38	237	●		
SUS304 60-140	60	140	284	45	275	●		
SUS304 50-180	50	180	328	42	355	●		

注.1) 特殊巾、特殊仕様品についてのご注文も承ります。

注.2) SUS316、綾織り品等も取り扱っております。

注.3) 上記品番以外の製品も、多数取り揃えております。在庫は、お問い合わせ願います。

注.4) 本規格は改良のため予告無く変更することがあります。

Note 1. Orders for custom widths and specifications also accepted.

Note 2. SUS 316 and twill weave products also available.

Note 3. Additional,unlisted products available.

Note 4. Specifications subject to change without notics due to product improvements.

The availability and continuously produced items are subject to change. Please inquire us each case.

4. Metal Mesh SUS316 / Tungsten

■ SUS316メッシュ 綾織 SUS316 Mesh Specifications Twill Weave							
品番 Item Number	メッシュ (本/inch) Mesh Count	線径 (μm) Wire Diameter	オープニング (μm) Mesh Opening	オープニングエリア (%) Open Area	規格巾 (cm) Standard Width		
					100cm	122cm	152cm
SUS316 830-016	830	16	15	23			
SUS316 635-020	635	20	20	25			
SUS316 500-025	500	25	26	26	●		
SUS316 450-026	450	26	30	29	●		
SUS316 423-028	423	28	32	29	●		
SUS316 374-030	374	30	38	31	●		
SUS316 325-035	325	35	43	31	●		

▲ 受注生産 Made to order

■ SUS316メッシュ 平置織 SUS316 Plain Dutch Weave			
品番 Item Number	メッシュ数(タテ×ヨコ) (/inch) Mesh count (vertical × horizontal)	線径(タテ×ヨコ) (μm) Wire Diameter (vertical × horizontal)	
SUS316 80*400	▲ 80×400	120×76	
SUS316 80*330	▲ 80×330	120×85	
SUS316 50*250	▲ 50×250	140×112	
SUS316 40*200	▲ 40×200	180×140	

▲ 受注生産 Made to order

■ SUS316メッシュ 綾置織 SUS316 Dutch Twill Weave			
品番 Item Number	メッシュ数(タテ×ヨコ) (/inch) Mesh count (vertical × horizontal)	線径(タテ×ヨコ) (μm) Wire Diameter (vertical × horizontal)	
SUS316 635*4860	▲ 635×4860	20×11	
SUS316 500*3500	▲ 500×3500	25×15	
SUS316 400*3000	▲ 400×3000	30×18	
SUS316 400*2800	▲ 400×2800	30×20	
SUS316 325*2400	▲ 325×2400	35×24	
SUS316 270*2000	▲ 270×2000	40×28	

■ タングステンW-40 Tungsten W-40					
品番 Item Number	メッシュ (本/inch) Mesh Count	線径 (μm) Wire Diameter	オープニング (μm) Mesh Opening	オープニング エリア(%) Open Area	厚さ(μm) Mesh Thickness
W40 430-013	430	13	46	61	29
W40 380-014	380	14	53	62	32
W40 325-016	325	16	62	63	36

The availability and continuously produced items are subject to change. Please inquire us each case.

5. Nafitec™

What is the Nafitec™ Anti-Dust* Treatment?

Nafitec™ Anti-Dust Treatment

Powder Particle (multi-micron size)
Minimal Contact Area

Untreated

Powder Particle (multi-micron size)
Large Contact Area

*Effectively repels dust. Does not repel oil, soil, or other impurities

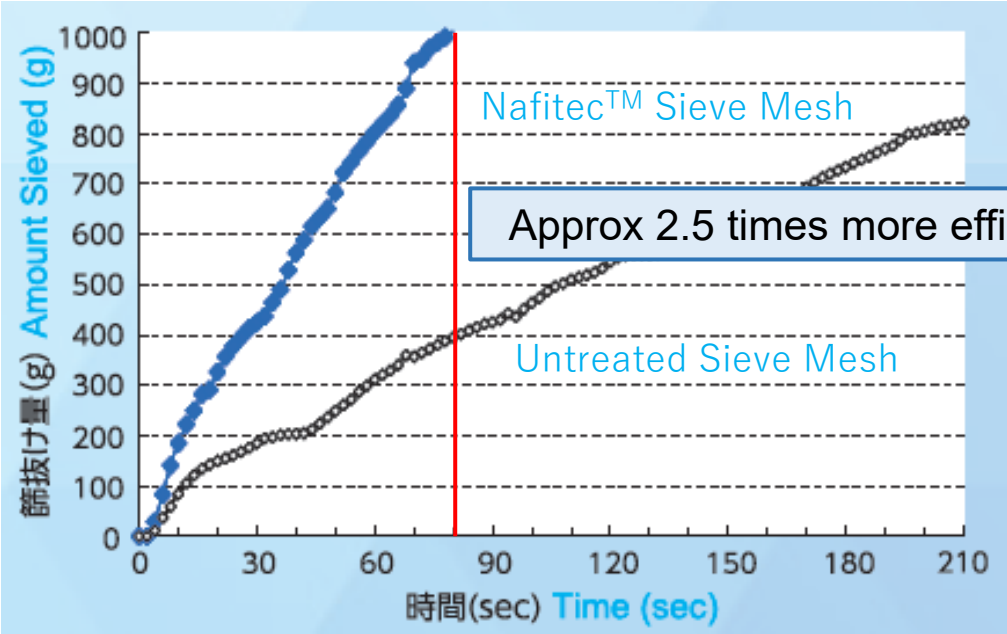
Exceptional Powder Throughput

Nafitec™ Anti-Dust Treatment

Untreated

Test Conditions Sieve Mesh:Nylon Mesh Opening:200µm Test Powder:Wheat Flour

Comparison of sieving efficiency with wheat flour



Approx 2.5 times more efficient

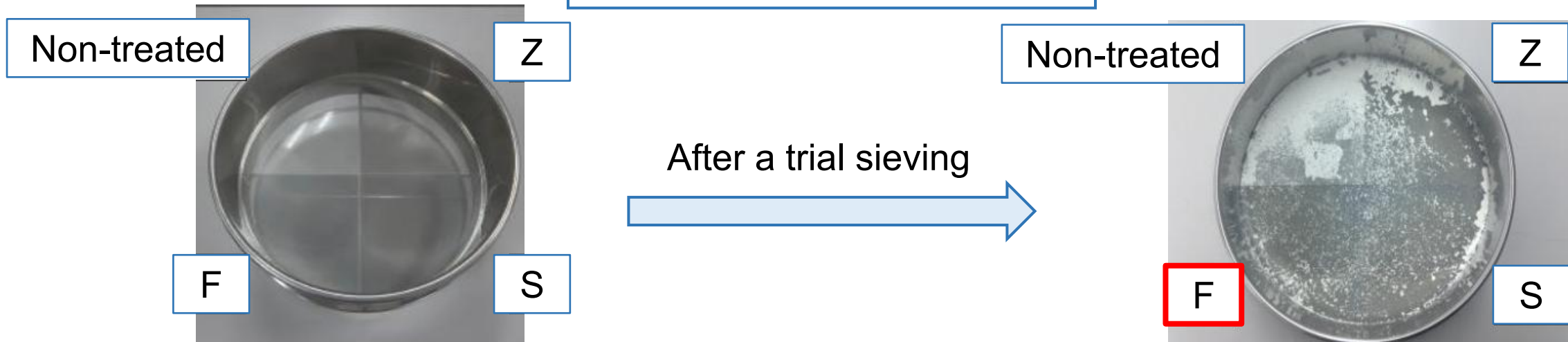
Sieving mesh treated Nafitec™ is more efficient than untreated one to sieve wheat flour.

5. Nafitec™

3 types of Nafitec™

Type	Particle size
Z	> several tens of μm
S	several tens of μm
F	< ten of μm

※The type of Nafitec™ usage depends on the characteristics of the powder.



Nafitec™ F is the best for this powder

You can try this sieve treated 3 types of Nafitec™ first.
 We will provide you with a mesh sample treated the best type of Nafitec™ based on the result.

Notes.

The efficiency of Nafitec™ is very limited with certain types of powders like following.

- Durum wheat flours
- Corn flours
- Oil-rich powders
- Wet powders

Please check Nafitec™ technology with video on our web site.

[Nafitec™ Sieve Mesh | Introduction of products using Nafitec™ technology | Nafitec™ functional inorganic nanoparticle immobilization technology | NBC Meshtec Inc.](#)