



THAILON TECHNO FIBER LIMITED

NYLON | POLYAMIND

Product
Catalogue

2018

WWW.THAILON.CO.TH



THAILON TECHNO FIBER LIMITED
NYLON / POLIAMIDE 66

Introduction

Thailon Techno Fiber Limited was established in 1995 as a part of a vertically integrated textile organization, the PSD Group. It is an exclusive manufacturer of Nylon 66 and Polyamide 66 multi-filaments yarn for various apparel applications located in the Laemchabang Industrial Estates, Thailand

Thailon is always ready to cooperate with our customers to meet their requirements using only the best world-class raw materials and machineries seamlessly integrated with our decade long experience in both yarn manufacturing any downstream processes.

Thailon can develop any count, filaments and any other specification to match any customer needs because all of the yarn production stages are under Thailon's supervision; rest assured that all of the products listed here have been critically tested and judged by the world's top manufacturers and all have performed flawlessly.



Supplying to more than 300 customers in 40 countries.





THAILON TECHNO FIBER LIMITED

NYLON / POLIAMIDE 66

Denier	Dtex	Ply	Luster	Cross-Section	Application								
					Hosiery	Socks	Seamless	Weaving	Warp Knitting	Circular Knitting	Covering	Narrow Tapes	
15/5	17/5	1	SD	RD	▪							▪	
20/7	22/7	1	SD	RD	▪							▪	
20/10	22/10	1	SD	RD	▪							▪	
20/20	22/20	1	SD	RD				▪			▪	▪	
20/20	22/20	2	SD	RD				▪				▪	
30/10	33/10	1	SD	RD	▪					▪		▪	
30/34	33/34	1	SD	RD				▪				▪	
30/34	33/34	2	SD	RD				▪					
40/13	44/13	1	SD/FD	RD	▪					▪		▪	
40/34	44/34	1	SD/FD	RD	▪			▪		▪		▪	▪
40/34	44/34	2	SD/FD	RD				▪					▪
40/92	44/92	1	SD/FD	RD				▪		▪		▪	
40/92	44/92	2	SD/FD	RD				▪		▪		▪	
50/24	55/24	1	SD/FD	RD						▪			
50/48	55/48	1	SD/FD	RD	▪		▪	▪				▪	
60/68	67/68	1	SD/FD	RD								▪	
60/68	67/68	2	SD/FD	RD									
70/17	78/17	1	SD/FD	RD						▪			
70/24	78/24	1	SD/FD	RD					▪		▪	▪	▪
70/24	78/24	2	SD/FD	RD									▪
70/34	78/34	1	SD/FD	RD					▪			▪	
70/34	78/34	2	SD/FD	RD									
70/68	78/68	1	SD	RD	▪					▪		▪	
70/68	78/68	2	SD	RD									▪
70/68	78/68	1	FD	RD						▪		▪	
70/68	78/68	2	FD	RD									▪
78/92	86/92	1	SD	RD								▪	
100/34	112/34	1	SD	RD									▪
100/34	112/34	2	SD	RD									▪
100/68	112/68	2	SD/FD	RD	▪		▪	▪				▪	
100/92	112/92	1	SD/FD	RD	▪		▪	▪				▪	

Additional Options

Intermingle
NIM, SIM, HIM

Set/Non-set

Twisting / Ply
60-500 TPM / 1-8 Ply

Cross Section

Anti-bacterial Function

Specific Specification Requirement
Elongation, Tenacity, Shrinkage and Crimp

Dope Dyed

Ready to Dye Tube

Air Covering
(Refer to ACY Product List)

Single Covering
(Refer to SCY Product List)

Melangé Yarn
(As a combination with other yarns such as Polyester, Cationic Polyester, Dope Dyed Polyester,

This list represents part of our Nylon 66 yarn offering, we do produce and supplying other yarns to customers worldwide. For specific requirement please email us at sales@thailon.co.th



THAILON TECHNO FIBER LIMITED

NYLON POLIAMIDE 66

Denier	Dtex	Luster	Cross-Section	Application							
				Hosiery	Socks	Seamless	Weaving	Warp Knitting	Circular Knitting	Covering	Narrow Tapes
20/7	20/7	SD	RD	•			•	•		•	
20/20	22/20	SD	RD				•			•	
30/10	33/10	SD/FD	RD	•		•	•	•		•	
30/34	33/34	SD/FD	RD	•		•	•	•		•	
40/13	44/13	SD/FD	RD	•		•	•	•	•	•	•
40/34	44/34	SD/FD	RD	•		•	•	•	•	•	•
40/92	44/92	SD/FD	RD	•		•	•	•	•	•	•
50/48	56/48	SD/FD	RD	•		•	•	•	•	•	•
60/68	67/68	SD/FD	RD				•		•		
70/17	78/17	SD/FD	RD		•		•				•
70/24	78/24	SD/FD	RD		•		•				•
70/34	78/34	SD/FD	RD		•		•				•
70/48	78/34	SD/FD	RD		•		•				•
70/68	78/68	SD/FD	RD			•	•	•	•	•	•
100/34	112/34	SD/FD	RD				•				
100/68	112/68	SD/FD	RD	•	•	•			•		
160/136	178/136	SD/FD	RD				•			•	•
210/136	233/136	SD/FD	RD							•	•

Denier	Dtex	Luster	Cross-Section	Application							
				Hosiery	Socks	Seamless	Weaving	Warp Knitting	Circular Knitting	Covering	Narrow Tapes
90/68	100/68	SD/FD	RD		•	•	•		•		•
90/200	100/200	SD/FD	RD		•	•	•		•		•
160/48	178/48	SD/FD	RD				•		•		
160/68	178/68	SD/FD	RD				•		•		
160/136	178/136	SD/FD	RD				•		•		•
200/136	233/136	SD/FD	RD				•		•		•

Additional Options

Specific Specification Requirement
Elongation, Tenacity, Shrinkage and Crimp

Anti-bacterial Function

Dope Dyed

Moisture Management

Air Covering
(Refer to ACY Product List)

Single Covering
(Refer to SCY Product List)

Melangé Yarn
(As a combination with other yarns such as Polyester, Cationic Polyester, Dope Dyed Polyester,

Twisting
60 – 500 TPM

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THAILON TECHNO FIBER LIMITED
 NYLON POLIAMIDE 66

Denier	Dtex	Elastane Spandex	Draft	Application							
				Hosiery	Socks	Seamless	Weaving	Warp Knitting	Circular Knitting	Covering	Narrow Tapes
20/20	22/20	15	1.8 - 3.0	▪		▪	▪	▪	▪		
20/20	22/20	20	1.8 - 3.0		▪	▪	▪	▪	▪		
20/20	22/20	40	1.8 - 3.0		▪	▪	▪	▪	▪		▪
30/10	33/10	15	1.8 - 3.0	▪				▪		▪	
30/10	33/10	20	1.8 - 3.0	▪				▪		▪	
30/10	33/10	40	1.8 - 3.0	▪				▪		▪	
30/34	33/34	15	1.8 - 3.0			▪				▪	
30/34	33/34	20	1.8 - 3.0			▪				▪	
30/34	33/34	40	1.8 - 3.0			▪				▪	
40/13	44/13	20	1.8 - 3.0	▪							
40/13	44/13	40	1.8 - 3.0	▪							▪
40/13	44/13	70	1.8 - 3.0	▪							▪
40/34	44/34	20	1.8 - 3.0	▪			▪	▪	▪		
40/34	44/34	40	1.8 - 3.0	▪			▪	▪	▪		
40/34	44/34	70	1.8 - 3.0	▪			▪	▪	▪		
70/34	78/34	40	1.8 - 3.0		▪						
70/34	78/34	70	1.8 - 3.0		▪						
70/68	78/68	20	1.8 - 3.0				▪	▪	▪		
70/68	78/68	40	1.8 - 3.0	▪	▪		▪	▪	▪		▪
70/68	78/68	70	1.8 - 3.0		▪		▪	▪	▪		▪
100/34	112/34	20	1.8 - 3.0		▪				▪		▪
100/34	112/34	40	1.8 - 3.0		▪				▪		▪
100/34	112/34	70	1.8 - 3.0		▪				▪		▪
100/68	112/68	20	1.8 - 3.0	▪	▪		▪		▪		
100/68	112/68	40	1.8 - 3.0	▪	▪		▪		▪		
100/68	112/68	70	1.8 - 3.0	▪	▪		▪		▪		

Additional Options

Twisting
60-500 TPM

Cross Section

Anti-bacterial Function

Specific Specification Requirement
Elongation, Tenacity, Shrinkage and Crimp

Ready to Dye Tube

Air Covering
(Refer to ACY Product List)

Single Covering
(Refer to SCY Product List)

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MELANGE YARN

1 Select Nylon

Nylon 66 DTY
15/5/1
20/20/1
30/34/1
40/34/1
50/48/1
60/68/1
70/68/1
100/92/1
Dope Dyed Black
40/34/1
70/68/1



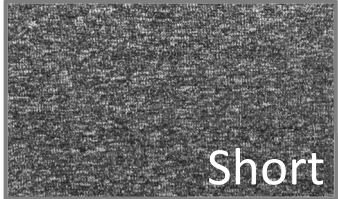
2 Select Polyester

Polyester DTY
20/24/1
30/36/1
50/56/1
75/72/1
Cationic Polyester DTY (Low Temperature Dyeing)
20/24/1
30/36/1
50/56/1
75/72/1
Dope Dyed Polyester Black
50/48/1
75/72/1

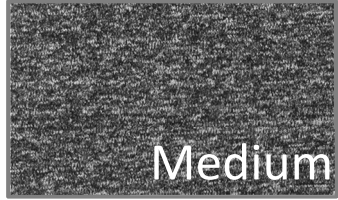


3 Process/Effects


Draw Texturing + Air Intermingle



Short

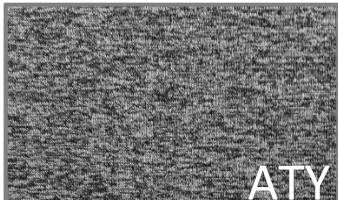


Medium



Long

Air Texturing



ATY


Additional Information

Percentage of Nylon and Polyester affect the appearance of the mélange

Nylon + Polyester Melangé
 Dyeing Nylon part with acid dyestuff will offer Melangé color of selected dye color and white

Nylon + Cationic Polyester Melangé
 Dyeing Nylon part with acid dyestuff and cationic polyester with cationic dyestuff will reveal 2 distinct colors effect

Nylon + Dope Dyed Black Polyester



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NYLON I POLIAMIDE 66

NYLON ANIMICROBIAL YARN

Nylon Antimicrobial Yarn is Researched and developed by Thailon Team. With the technology nano silver can reduce Staphylococcus Aureus and Klebsiella pneumoniae. This is the cause of odors. Causes of Skin Diseases

Certified The Thailand Textile Institute (THTI) can reduce the growth rate by 99.99%

With the technology of Nano silver, And modern machinery, so that the nanosilver substance embedded in the yarn. Retains Whether to use it or wash it.

TESTED MICROORGANISMS	Staphylococcus Aureus	Klebsiella pneumoniae
Growth Value	2.4	3.0
Antibacterial Activity Value	5.7	6.7
Reduction	99.99	99.99

Report Number G 0165/61 25 October 2017

With the technology of moisture management of yarns. Make those who wear costumes woven from such yarns. Feeling comfortable, Not sticky and healthy.

Additional Options

Intermingle

NIM, SIM, HIM

Set/Non-set

Twisting / Ply

60-500 TPM / 1-8 Ply

Cross Section

Specific Specification Requirement

Elongation, Tenacity, Shrinkage and Crimp

Dope Dyed

Ready to Dye Tube

Refer to POY FDY DTY Product List

Air Covering

(Refer to ACY Product List)

Single Covering

(Refer to SCY Product List)

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