

CUNO Series NB Nylon Monofilament Bags

High Strength Construction Bag filter type



CUNO Series Nylon Monofilament Bags for Liquid Filtration

CUNO SERIES	NB Nylon Monofilament Bag	가	가
NB Nylon Monofilament Bag	, 25um	1200um	
	, #2 Bag (Length = 32inch)	180gpm(49m3/hr)	
NB Bag-filter	Application		ISO 9001:2000
NB Bag filter			

Inside to Outside Flow Design –
 Consistent Pore Size –
 High Strength Construction –
 High Temperature –
 Alkali Compatibility -

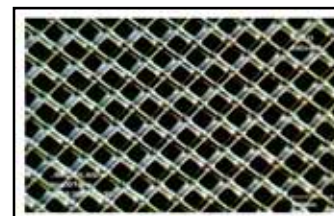
Particle (Durable stuff material)

Markets Served	
■ Industrial	■ Coatings
■ Chemicals	■ Hydrocarbon & Refining
■ Food & Beverage	■ Electronics
■ Pharmaceutical & Healthcare	

Consistent Pore Size

Monofilament bags filter Pore

Fluid flow 가 Pass Application
 (i.e. : Metallic Paints..)



High Strength Construction

Monofilament Bag Filter , Fiber Migration Downstream
 , CUNO NB Nylon Monofilament Bag Filter Fiber 가

High Temperature / Alkali Compatibility

가

Availability in Coarser Grades

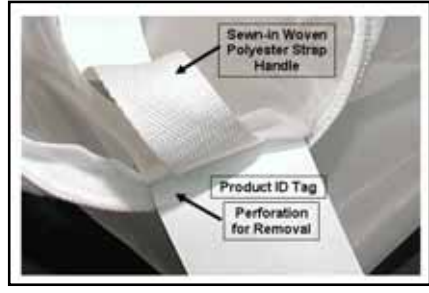
Monofilament Bag Filter Pore Opening 가

가 , #1(OD : Length = 17.8cm x 45.7cm), #2(OD : Length = 17.8cm x 81.3cm) , CUNO NB NMO 25um~1200um

Sealing

NMO Bag Filter Housing Sealing Metal

Steel Ring Media "Lumping" Bag Filter Housing CUNO NB Series NMO Bag Steel Ring Media Sealing
 Flexible Handle Tag가 Tag LOT Tag



Material/Construction

CUNO NB SERIES NMO Bag Filter
 Monofilament Fiber
 (i.e. Dodehoff, Saati) Raw Material

Features	Benefits
<ul style="list-style-type: none"> Uniform pore sizing 	<ul style="list-style-type: none"> Allows desired undersized particles to pass through (metallic paints...) Effective removal of oversized contaminants
<ul style="list-style-type: none"> Continuous Fiber Construction 	<ul style="list-style-type: none"> High fiber strength reducing the likelihood of bag rupture and downstream fluid contamination
<ul style="list-style-type: none"> High Temperature/Alkali Compatibility 	<ul style="list-style-type: none"> Appropriate choice for filtration of high temperature cleaning solutions
<ul style="list-style-type: none"> Available in coarser grades (> 200µm) 	<ul style="list-style-type: none"> Cost effective filtration solution for those applications requiring removal of coarse particles only

Chemical Compatibility*	
Chemical	Compatibility Rating
Strong Acids	Poor
Weak Acids	Fair
Strong Alkalis	Excellent
Weak Alkalis	Excellent
Solvents	Good

*Thermal and chemical resistance data presented in this brochure is for guidance only. Factors such as duration, degree of concentration of a substance in a fluid and temperature should also be considered.

Specifications & Operating Conditions*		
Dimension	Nylon Monofilament Bag Filters	
	#1 Size	#2 Size
Nominal Removal Ratings (microns)	25, 50, 100, 150, 200, 250, 400, 600, 800, and 1200	
Filter Diameter (inches/cm)	7 / 17.8	
Filter Length (inches/cm)	18/45.7	32/81.3
Maximum Recommended Flow Rate (gpm / lpm)*	90/ 340	180/ 681
Maximum Operating Temperature (°F / °C)	300/149	
Maximum Forward Differential Pressure	35 psid @ 68°F (2.4 bar @ 20°C)	
Recommended Change-out Differential Pressure	20 psid (1.4 bar)	

* For aqueous solutions (1 cps) based on maintaining clean pressure drop (media only) of < 2 psid (0.14 bar).

CUNO Series NB Nylon Monofilament Filter Ordering Guide

Filter Designation	Nominal Removal Rating	Material (Media/Plastic Components)	Bag Size	Collar Type
NB – Nominal Bag	0025 - 25µm 0050 - 50µm 0100 - 100µm 0150 - 150µm 0200 - 200µm 0250 - 250µm 0400 - 400µm 0600 - 600µm 0800 - 800µm 1200 - 1200µm	NYS – Nylon Monofilament	1 – Size #1 2 – Size #2	R – Metal Ring

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