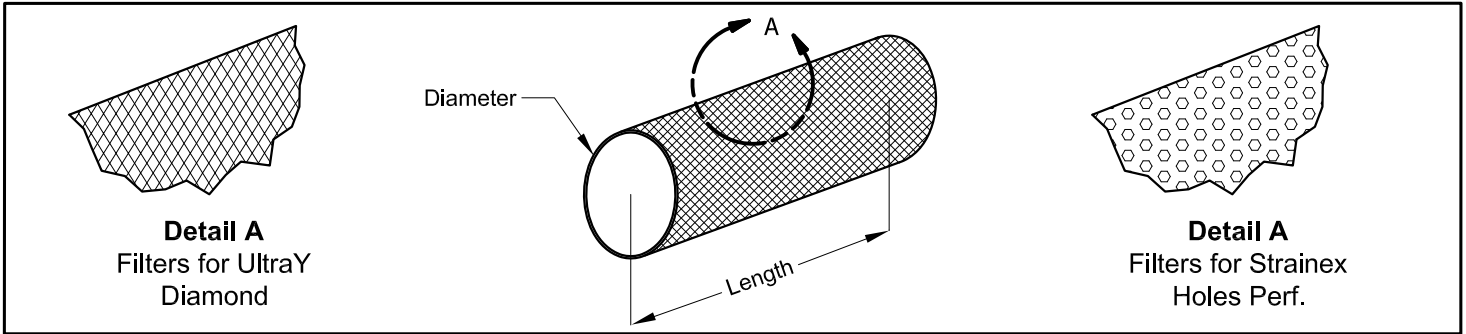


Nexus Filter Screen

for UltraY™ & Strainex Valves



Nexus P/N	Mesh/Inch	Aperture (Diamond) [inches]	Perf/Sq Inch	Open Area %	FILTER DIMENSIONS [inches / mm]		Used in Nexus Valves
					Diameter	Length	
YS-Y1	20 x 20	0.033 x 0.080	250	50%	0.75" / 19.00	1.12" / 28.50	UY-050-, UY-075L, UY-100L, YSS-050S, YSF-050F
YS-Y1-40	40 x 40	0.017 x 0.040	500	42%	0.75" / 19.00	1.12" / 28.50	UY-050-, UY-075L, UY-100L
YS-Y2	20 x 20	0.033 x 0.080	250	50%	0.98" / 25.00	2.35" / 59.80	UY-075-, UY-100-, UY-125L, YSS-075S, YSF-075F, YSF-100F
YS-Y2-40	40 x 40	0.017 x 0.040	500	42%	0.98" / 25.00	2.35" / 59.80	UY-075-, UY-100-, UY-125L
YS-Y3	20 x 20	0.033 x 0.080	250	50%	1.50" / 38.00	3.54" / 90.00	UY-125-, UY-150-; YSS-100S
YS-Y3-40	40 x 40	0.017 x 0.040	500	42%	1.50" / 38.00	3.54" / 90.00	UY-125-, UY-150-
YS-Y4	20 x 20	0.033 x 0.080	250	50%	2.33" / 59.20	5.00" / 127.00	UY-200-, UY-250-
YS-Y4-40	40 x 40	0.017 x 0.040	500	42%	2.33" / 59.20	5.00" / 127.00	UY-200-, UY-250-

Nexus P/N	Mesh/Inch	Aperture (Round)		Perf/Sq Inch	Open Area %	FILTER DIMENSIONS [inches / mm]		Used in Nexus Valves
		Hole Dia. [inches]	Dist. bet. holes [inches]			Diameter	Length	
SXF-0250	14 x 14	Ø0.043	0.069	238	35%	2.50" / 63.50	6.50" / 165.00	SXF-0250, SXFV-0250, SXG-0250, SXGV-0250, SXT-0250, SXTV-0250
SXF-0300	14 x 14	Ø0.043	0.069	238	35%	3.13" / 79.38	7.06" / 179.4	SXF-0300, SXFV-0300, SXG-0300, SXGV-0300, SXT-0300, SXTV-0300
SXF-0400	5 x 5	Ø0.126	0.189	30	37%	4.00" / 101.60	9.03" / 229.40	SXF-0400, SXFV-0400, SXG-0400, SXGV-0400, SXT-0400, SXTV-0400
SXF-0500	5 x 5	Ø0.126	0.189	30	37%	5.06" / 128.59	11.75" / 298.45	SXF-0500, SXFV-0500, SXG-0500, SXGV-0500, SXT-0500, SXTV-0500
SXF-0600	5 x 5	Ø0.126	0.189	30	37%	5.75" / 146.05	13.62" / 346.00	SXF-0600, SXFV-0600, SXG-0600, SXGV-0600, SXT-0600, SXTV-0600
SXF-0800	5 x 5	Ø0.126	0.189	30	37%	7.50" / 190.50	18.00" / 457.20	SXF-0800, SXFV-0800, SXG-0800, SXGV-0800, SXT-0800, SXTV-0800
SXF-1000	5 x 5	Ø0.126	0.189	30	37%	10.63" / 269.88	20.19" / 512.80	SXF-1000, SXFV-1000, SXG-1000, SXGV-1000, SXT-1000, SXTV-1000
SXF-1200	5 x 5	Ø0.126	0.189	30	37%	12.63" / 320.68	22.87" / 581.00	SXF-1200, SXFV-1200, SXG-1200, SXGV-1200, SXT-1200, SXTV-1200

DESCRIPTION & APPLICATIONS

- Metal filters are used in commercial and industrial/OEM applications, where the filters will be continuously exposed to liquid.
- The application's goal is to protect downstream components from particulate matter.
- Usable with water/glycol mixtures to 50%.

BENEFITS

- Cleanable and reusable
- Withstands significant fluid flow over wire mesh or paper filters.

MATERIALS & DESIGN DATA

- Material: 304 Stainless Steel, ASTM A167
- Construction Method:
 - Filters for UY: Welded Expanded Metal (2 Ply Welded Expanded Metal for YS-Y4-40).
 - Filters for Strainex: Perforated Metal
- Max allowable working Pressure: 600 hydrostatic pressure
- Service Temperature to 30°F (water/glycol)

PROJECT _____

CONTRACTOR _____

PO/JOB NO. _____

ENGINEER _____

REPRESENTATIVE _____

DATE _____