

Syn-Pac 95A 319

319 Aerospace

FEATURES

- Approved for use in 319 three-stage Chromate Paint Systems
- Rated temperature 150 - 175 °F
- Dual layer media
- Quality-controlled manufacturing facility
- Available in a long list of standard sizes
- Special sizes available
- Initial resistance 0.12 "W.G. @ 120 FPM



SYN-PAC 95A 319

Tri-Dim's Syn-Pac 95A 319 Bag filters are designed for use in paint booth exhaust systems—specifically NESHAP Chromate Paint Booths.

The Syn-Pac 95A has been approved for use in three-stage NESHAP Booths by passing the rigorous 319 Test Method—see test results on page two. Not only did the Syn-Pac 95A 319 pass the Method 319 test, it far exceeded the required minimum efficiencies.

The Syn-Pac 95A 319 bag filter is manufactured in a quality-controlled manufacturing facility to ensure the highest quality product available. And to meet a wide variety of installation types, Syn-Pac 95A 319 is available in a range of sizes, depths and pocket configurations.

Utilizing two distinctive layers of media, Syn-Pac 95A 319 combines high holding capacity and removal efficiencies with a low initial resistance of just 0.12 "WG at 120 FPM.

TECHNICAL SPECIFICATIONS

Media	Synthetic - dual layer
Media velocity for test	120 FPM (<i>0.61 m/sec</i>)
Resistance to air flow	0.12 "W.G. @ 120 FPM
Recommended final resistance	1.5 "W.G. (<i>373 Pa</i>)
Efficiency - ASHRAE 52.2	MERV 15

Meets ANSI/UL-900 requirements

Syn-Pac 95A 319

Specifications

TEST AEROSOL: OLEIC ACID, NEUTRALIZED

Size Range (µm)	Fractional Efficiency (%)			
	1	2	3	Avg.
0.31 - 0.37	85.5	87.2	87.8	86.8
0.37 - 0.47	90.2	90.8	91.5	90.8
0.47 - 0.56	92.3	93.0	93.5	92.9
0.56 - 0.75	95.4	95.2	95.7	95.4
0.75 - 0.94	97.3	96.5	96.7	96.8
0.94 - 1.41	98.2	97.2	97.6	97.7
1.41 - 1.88	99.1	97.9	98.2	98.4
1.88 - 2.83	99.2	98.3	99.0	98.8
2.83 - 3.69	99.7	99.0	99.4	99.4
3.69 - 4.71	99.9	99.6	99.8	99.8
4.71 - 5.11	100	100	100	100
5.11 - 6.29	100	100	100	100
6.29 - 9.43	100	100	100	100

Min.
> 65%

> 80%

> 95%

TEST AEROSOL: KCL, NEUTRALIZED

Size Range (µm)	Fractional Efficiency (%)			
	1	2	3	Avg.
0.49 - 0.59	93.3	92.9	94.3	93.5
0.59 - 0.73	95.1	95.0	95.5	95.2
0.73 - 0.87	96.5	96.6	96.4	96.5
0.87 - 1.16	97.7	97.4	97.7	97.6
1.16 - 1.44	98.2	98.1	98.3	98.2
1.44 - 2.14	98.8	98.5	98.5	98.6
2.14 - 2.85	98.9	98.9	98.9	98.9
2.85 - 4.25	99.1	99.0	99.2	99.1
4.25 - 5.55	99.4	99.3	99.3	99.3
5.55 - 7.07	99.7	99.9	99.9	99.8
7.07 - 7.66	100	100	100	100
7.66 - 9.46	100	100	100	100
9.46 - 14.1	100	100	100	100

Min.
> 75%

> 85%

> 95%

Tri-Dim Filter Corporation is committed to continual product development - all descriptions, specifications and performance data are subject to change without notice. Tri-Dim products are manufactured to exacting criteria - there can be a ±5% variance in filter performance.

LOCAL REPRESENTATIVE