

# Ultra 6 319

## 319 Aerospace

### FEATURES

- Approved for use in 319 three-stage Chromate Paint Systems
- Rated temperature 160 °F
- Robust HIPS frame
- Reduced footprint
- Low initial resistance
- Reduced storage & shipping cost
- Quality-controlled manufacturing facility



### ULTRA 6 319

Ultra 6 filters are designed for use in paint booth exhaust systems, including NESHAP Chromate Paint Booths.

The Ultra 6 has been approved for use in three-stage NESHAP booths with the rigorous EPA 319 Test Method—not only passing the test, but exceeding all the required minimum efficiencies.

The Ultra 6 features a HIPS frame that is double-walled for robustness. Its media offers an energy-saving low initial resistance of just 0.045"WG @ 120 FPM. And high efficiency is assured at MERV 15/ MERV 15A per ASHRAE 52.2.

The Ultra 6 is available in a variety of sizes and two frame styles—box style and single header. They are manufactured in a quality-controlled manufacturing facility to ensure you receive a quality, Tri-Dim product.

### TECHNICAL SPECIFICATIONS

<b>Media</b>	Synthetic
<b>Media velocity for test</b>	120 FPM ( <i>0.61 m/sec</i> )
<b>Resistance to air flow</b>	0.045 "W.G. @ 120 FPM
<b>Recommended final resistance</b>	1.5 "W.G. ( <i>373 Pa</i> )

Meets ANSI/UL-900 requirements

# Ultra 6 319 Specifications

## TEST AEROSOL: OLEIC ACID, NEUTRALIZED

Size Range (µm)	Fractional Efficiency (%)			
	1	2	3	Avg.
0.31 - 0.37	94.0	92.7	92.1	92.9
<b>0.37 - 0.47</b>	<b>95.8</b>	<b>94.8</b>	<b>94.7</b>	<b>95.1</b>
0.47 - 0.56	96.8	96.1	96.0	96.3
0.56 - 0.75	98.0	97.7	97.5	97.7
0.75 - 0.94	98.8	98.4	98.4	98.5
<b>0.94 - 1.41</b>	<b>99.2</b>	<b>99.1</b>	<b>99.0</b>	<b>99.1</b>
1.41 - 1.88	99.5	99.5	99.4	99.5
<b>1.88 - 2.83</b>	<b>99.7</b>	<b>99.7</b>	<b>99.8</b>	<b>99.7</b>
2.83 - 3.69	99.9	99.8	99.9	99.9
3.69 - 4.71	100	99.9	100	100
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	95.2	97.4	95.0	95.9
<b>0.59 - 0.73</b>	<b>96.6</b>	<b>98.2</b>	<b>96.5</b>	<b>97.1</b>
0.73 - 0.87	97.1	98.8	97.4	97.8
<b>0.87 - 1.16</b>	<b>98.2</b>	<b>99.2</b>	<b>98.1</b>	<b>98.5</b>
1.16 - 1.44	98.8	99.5	98.8	99.0
1.44 - 2.14	99.1	99.7	99.2	99.3
<b>2.14 - 2.85</b>	<b>99.5</b>	<b>99.8</b>	<b>99.4</b>	<b>99.6</b>
2.85 - 4.25	99.7	99.8	99.7	99.7
4.25 - 5.55	99.9	99.9	99.8	99.9
5.55 - 7.07	100	100	100	100
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.

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