

Technical Data Sheet

319 Chromate System

Three Stage System

Tri-Dim Filter Corporation
offers the Aerospace Industry ...

- ➔ Filters that exceed EPA's Test Method 319
- ➔ A nationwide factory trained sales organization
- ➔ A network of factory and warehouse locations
- ➔ Technical Support for NESHAP compliance

Method 319 Test Results

'Solid Phase' 319 Test Results
 Fractional Efficiency (%)

'Liquid Phase' 319 Test Results
 Fractional Efficiency (%)

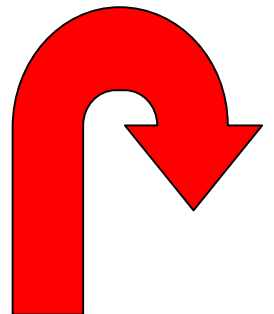
SIZE RANGE	319 RESULTS	NESHAP MIN.	SIZE RANGE	319 RESULTS	NESHAP MIN.
0.49-0.59	94.3%		0.31-0.37	86.3%	
0.59-0.73	96.1%	>75%	0.37-0.47	88.7%	>65%
0.73-0.87	97.5%		0.47-0.56	91.6%	
0.87-1.16	98.6%	>85%	0.56-0.75	94.3%	
1.16-1.44	98.8%		0.75-0.94	95.9%	
1.44-2.14	99.1%		0.94-1.41	97.1%	>80%
2.14-2.85	99.4%	>95%	1.41-1.88	98.4%	
2.85-4.25	99.6%		1.88-2.83	99.3%	>95%
4.25-5.55	99.8%		2.83-3.69	99.7%	
5.55-7.07	99.9%		3.69-4.71	99.9%	
7.07-7.66	99.9%		4.71-5.11	100.0%	
7.66-9.46	100.0%		5.11-6.29	100.0%	
9.46-14.1	100.0%		6.29-9.43	100.0%	



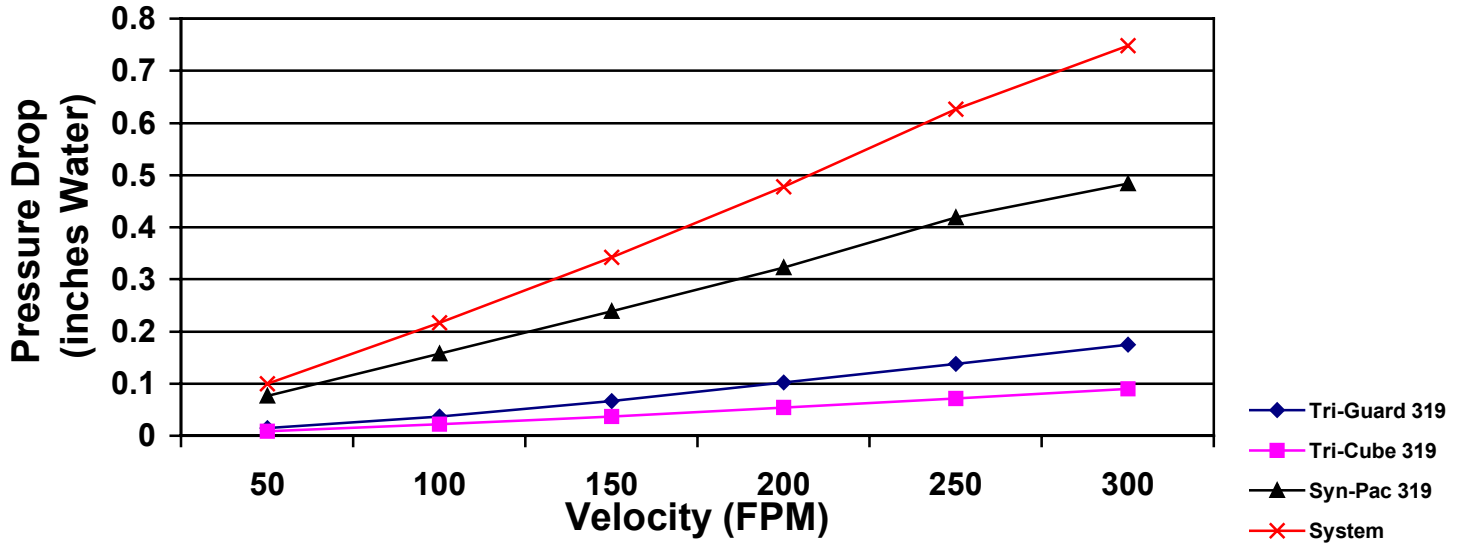
Vertical or 'Straight' Duct Testing Vs. Curved Duct Testing And Why You Should Care



Tri-Dim Filter Corporation has chosen to have our Chromate filters tested on a vertical test duct. Why? Test have shown that a curved test duct may experience a loss of 50% of the test challenge, while in a vertical test duct virtually no test challenge is lost. This means that 50% of the challenge agent never makes it to the filter in a curved duct test making it easier for the filter to pass the test. However in a straight or vertical test duct nearly all the challenge agent reaches the filter.



Pressure Drop Vs. Flow Rate



Initial Efficiency	99.93%
Average Efficiency	99.97%
Air Velocity	120 FPM

Manufacture recommended final resistance	
TRI GUARD 319	0.75 w.g.
TRI-CUBE 319	1.00 w.g.
SYN PAC 319	1.50" w.g.

PAIN T ARRESTANCE FILTER TEST REPORT RESULTS

TESTED ON CHROMATE PAINT

