



Excimer Laser Gas Mixtures

Fluorine Mixtures

Shipping Information

For the mixtures listed below the shipping classifications are dependent on the concentration.

Cylinder Specifications

Cylinder Size	Valve Outlet CGA No.	Pressure psig @ 70°F	Pressure kPa @ 21.1°C	Approximate Ship Weight	
				lb	kg
1A	679	500	3450	135	61
2	679	500	3450	74	34
3	679	500	3450	39	18

* Pressure varies with concentration. 1 - 10% Fluorine fill pressure is not to exceed 500 psi.

Fluorine Mixtures	Concentration	Product Code		Cylinder Size	Content		Equipment Recommendations	Model No.	Page No.
		Certified	Unanalyzed		US	Metric			
Fluorine in Helium	1%	G2658479	G2658483	1A	54 ft ³	1.52 m ³	Single Stage Reg. Service Valve Cross Purge Assembly	3610A-679-S 55F-679 4775-679	316 417 422
	1%	G2658480	G2658484	2	21 ft ³	0.59 m ³			
	1%	G2658481	G2658485	3	11 ft ³	0.31 m ³			
	3%	G2658487	G2658490	1A	54 ft ³	1.52 m ³			
	3%	G2658488	G2658491	2	21 ft ³	0.59 m ³			
	3%	G2658489	G2658492	3	11 ft ³	0.31 m ³			
	5%	G2658230	G2658245	1A	54 ft ³	1.52 m ³			
	5%	G2658231	G2658246	2	21 ft ³	0.59 m ³			
	5%	G2658493	G2658494	3	11 ft ³	0.31 m ³			
	10%	G2658232	G2658247	1A	54 ft ³	1.52 m ³			
	10%	G2658497	G2658500	2	21 ft ³	0.59 m ³			
	10%	G2658498	G2658501	3	11 ft ³	0.31 m ³			
Fluorine in Nitrogen	1%	G2658503	G2658506	1A	55 ft ³	1.56 m ³	Single Stage Reg. Service Valve Cross Purge Assembly	3610A-679-S 55F-679 4775-679	316 417 422
	1%	G2658235	G2658250	2	21 ft ³	0.59 m ³			
	1%	G2658504	G2658507	3	11 ft ³	0.31 m ³			
	5%	G2658508	G2658510	1A	55 ft ³	1.56 m ³			
	5%	G2658509	G2658511	2	21 ft ³	0.59 m ³			
	5%	G2658237	G2658252	3	11 ft ³	0.31 m ³			
Fluorine in Krypton	5%	G2658240	G2658255	2	23 ft ³	0.65 m ³	Single Stage Reg. Service Valve Cross Purge Assembly	3610A-679-S 55F-679 4775-679	316 417 422
Fluorine in Neon	5%	G2658241	G2658256	1A	54 ft ³	1.53 m ³	Single Stage Reg. Service Valve Cross Purge Assembly	3610A-679-S 55F-679 4775-679	317 417 422
	5%	G2658150	G2658512	2	21 ft ³	0.59 m ³			
	5%	G2658514	G2658513	3	11 ft ³	0.31 m ³			

For your protection read the Fluorine MSDS Sheet before placing your order for this product. The data sheet is available at no charge from Matheson. Also available on www.mathesontrigas.com.