

There are three mesh sizes for the screens used with the Harrick diffuse reflectance reaction chambers. The specifications of the mesh are given in the table below.

For all CHC chambers and HVC chambers with sample cup inner diameter of 0.25 inch (6.35 mm):

Part Number	Description	Mesh Size (lines per inch)	Mesh Pore Size		Wire Diameter		Mesh Total Thickness	
			in	mm	in	mm	in	mm
116-439-1S	Set of 6	150x150	0.0041	0.104	0.0026	0.0660	0.0052	0.1320
116-439-2S	Set of 6	250x250	0.0024	0.061	0.0016	0.0406	0.0032	0.0813
116-439-3S	Set of 6	400x400	0.0015	0.038	0.0011	0.0279	0.0022	0.0559
116-439	Set of 6	Two each of the above						

For HVC chambers with sample cup inner diameter of 0.189 inch (4.7 mm):

Part Number	Description	Mesh Size (lines per inch)	Mesh Pore Size		Wire Diameter		Mesh Total Thickness	
			in	mm	in	mm	in	mm
116-990-1S	Set of 6	150x150	0.0041	0.104	0.0026	0.0660	0.0052	0.1320
116-990-2S	Set of 6	250x250	0.0024	0.061	0.0016	0.0406	0.0032	0.0813
116-990-3S	Set of 6	400x400	0.0015	0.038	0.0011	0.0279	0.0022	0.0559
116-990	Set of 6	Two each of the above						