



Duplicator 2 Latex Balloon Settings Chart

The following settings should be used as guidelines for the Duplicator 2. Please note that size settings will vary based on user preference, balloon color and manufacturer. To adjust the size of balloon to your individual preference, it is necessary to inflate test balloons.

PSI SETTINGS refer to the gauge located on the adjustable regulator connected to the back of the Duplicator 2. The pressure setting controls the speed of inflation. **SECONDS SETTINGS** refers to the tenth of a second increment readouts on the digital display on the face plate of the Duplicator 2.

Important: To insure consistent balloon sizing when using helium or nitrogen, check the size of the balloons every 1/3 of a cylinder of gas. If necessary, increase the size of the balloon by either increasing the time setting or the inlet pressure on the adjustable regulator.

BALLOON SIZE	HELIUM	NITROGEN	AIR COMPRESSOR
5"	N/A	0.2 Seconds	0.3 Seconds
	N/A	95 PSI	70 PSI
9"	0.6 Seconds	1.6 Seconds	1.9 Seconds
	70 PSI	80 PSI	80 PSI
11"	1.0 Seconds	2.7 Seconds	3.5 Seconds
	80 PSI	80 PSI	80 PSI
14"	1.9 Seconds	5.0 Seconds	6.4 Seconds
	80 PSI	80 PSI	80 PSI
16"	3.0 Seconds	7.4 Seconds	N/A
	80 PSI	80 PSI	N/A

Settings for 60/40 Helium/Air Outlet (optional)

The following settings should be used as guidelines when using the optional 60/40 Helium/Air Outlet with the Duplicator 2. The 60/40 Helium/Air Outlet is recommended for use with 14" or larger balloons.

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BALLOON SIZE	60/40 HELIUM/AIR OUTLET
14"	4.3 Seconds
	80 PSI
16"	6.6 Seconds
	80 PSI

