



FRC PNEUMATIC SYSTEM

V.3.20.PS

TEAM 3161



Tubing must be max 1/4" (6mm) OD.

There is no rigid rule on what color pneumatic tubing should be in FRC.

However it is recommended to color code your tubing to differentiate between stored and working pressures.

Stored

120 PSI Max

Stored

Working

60 PSI Max

Primary

Secondary

Power

12V DC Main

LIVE (+) (-) GND

Wires

American Wire Gauge (AWG) Minimum Gauge per connection type shown.

18 AWG

28 AWG

This Diagram is not official and any specifications on it is based off the 2024 FRC Game Manual.

Always check the latest game manual for final rules and regulations on the FRC pneumatic system.

KEEP IN MIND