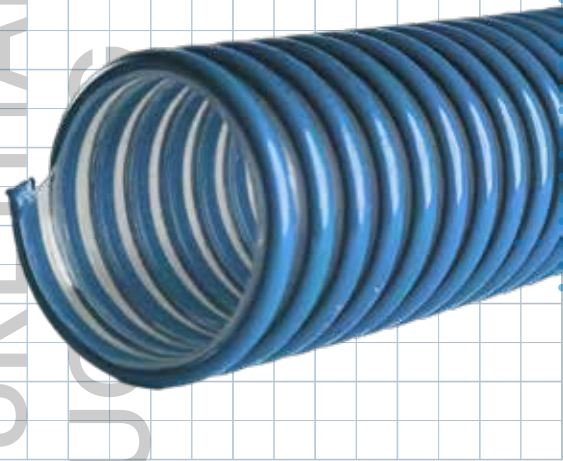


## FOOD AND GRADE POLYURETHANE DUCTING

Code: AL51  
Line Color: Crystal blue



Tolerance: +/- 3%  
Specifications and product presentations are subject to change without prior notice.

### Application

- Suction, discharge, and transfer via pneumatic systems of:
  - Powders, pellets, fumes, air
  - Pharmaceutical materials
  - Other dry granular food-grade materials requiring tear resistance

### Characteristics

Light and flexible hose made from a PVC and polyurethane blend with a rigid PVC spiral. These materials allow visual confirmation of material flow and help the operator inspect for contamination during operation. The smooth interior reduces material buildup and provides quiet performance.

**Smooth internal and corrugated external surface:** enhances flexibility.

**Polyurethane interior:** offers high abrasion resistance.

### Normative References

FDA - Code of Federal Regulations (CFR) title 21, parts 175.300,177.1210 and 178.2010.

## Technical Information

**Smooth inner and corrugated outer surface**

**Working temperature:**  
from -4°F to 167°F

**Bending radius**  
8 times its interior diameter.

**Vacuum pressure**  
0.7 to 0.8 ATM = 21 to 24 in Hg

Product Code	Commercial Size in	Interior Diameter mm	Working pressure		Length	
			kg/cm <sup>2</sup> (BAR)	lb/ft <sup>2</sup> (PSI)	m	ft
AL51CAZ011201500	1 1/2	38.1	3	44	7.5 / 15	25 / 50
AL51CAZ020001500	2	50.8	3	44	7.5 / 15	25 / 50
AL51CAZ021201500	2 1/2	63.5	3	44	7.5 / 15	25 / 50
AL51CAZ030001500	3	76.2	3	44	7.5 / 15	25 / 50
AL51CAZ040001500	4	101.6	3	44	7.5 / 15	25 / 50
AL51CAZ050001500	5	127.0	2	29	7.5 / 15	25 / 50
AL51CAZ060001500	6	152.4	2	29	7.5 / 15	25 / 50