

## POLYURETHANE LINED



Code: AL53  
Line Color: Crystal with black spiral

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

### Application

- Designed for applications where severe abrasion is a critical factor.
- Transfer via pneumatic systems of pellets and other dry granular materials.
- Transfer of mulch, wood chips, seeds, grains, dry and wet fertilizers, and petroleum-based oils.

### Characteristics

Flexible hose with an abrasion-resistant polyurethane inner layer, covered externally with transparent plasticized PVC, allowing for flow confirmation, and reinforced with a rigid, anti-shock PVC spiral. Its corrugated construction enhances flexibility. Remains flexible at sub-zero temperatures. Increases lifespan and reduces operational costs compared to rubber and PVC. UV resistant.

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

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

## Technical Information

**Smooth inner and corrugated outer surface**

**Working temperature:**  
from -40°F to 149°F

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

**Vacuum pressure**  
0.8 to 0.9 ATM = 24 to 27 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
AL53CEN011203000	1 1/2	38.1	2	29	15 / 30	50 / 100
AL53CEN020003000	2	50.8	2	29	15 / 30	50 / 100
AL53CEN021203000	2 1/2	63.5	2	29	15 / 30	50 / 100
AL53CEN030003000	3	76.2	2	29	15 / 30	50 / 100
AL53CEN040003000	4	101.6	2	29	15 / 30	50 / 100
AL53CEN050002000	5	127.0	2	29	10 / 20	30 / 60