

LCA Tubing Adhesive Applicator Bushing Selection Guide

Standard Bushing		
Part Number	Description	Tubing OD Range
989038	2mm [0.079 in]	0.059 in - 0.088 in
989039	3mm [0.118 in]	0.089 in - 0.128 in
989040	4mm [0.157 in]	0.128 in - 0.167 in
989041	5mm [0.197 in]	0.168 in – 0.207 in
989042	6mm [0.236 in]	0.208 in – 0.246 in

Example #1

Customer Tube Specification: OD= .180 in +/- .003

Bushing selection: The 5mm bushing is selected.

Example #2

Customer Tube Specification: OD = 0.128 in +/- .003

Bushing selection: The 3mm bushing would not be appropriate because the upper tolerance of the tubing is greater than the bushing range. The 4mm bushing is selected. When tube diameter is at the beginning of the range the LCA Tubing Adhesive Applicator will dispense a larger volume of adhesive onto the tube. The adhesive volume control knob can reduce the volume but for very exacting application a special bushing may be required.

Example #3

Customer Tube Specification: OD = 0.164 in =/- .003

Bushing selection: The 4mm bushing would be the first choice. The adhesive volume control knob will control the minimum adhesive dispense volume but the clearance between the bushing ID and the tube OD will determine the maximum adhesive dispense volume. If more adhesive is needed try the next bushing size.