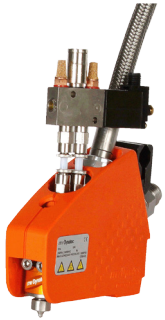
HOT MELT SOLUTIONS

Driving Innovation for PACKAGING

ITW Dynatec®

The Next Level of Technology



BF MicroBead
with Replaceable Nozzle

BF MicroBead with
Dual Port Pivot Option

ITW Dynatec can help you save up to 50% on adhesive. Our advanced BF Series MicroBead™ applicators significantly reduce equipment maintenance costs, and virtually redefine the way case and carton sealing should be evaluated.

SUPERIOR FLEXIBILITY

The BF MicroBead™ applicator is available with single-port or dual-port pivoting modules, providing flexibility for set-up and reduction of the number of applicators required, while it's compact design simplifies installation and maintenance.

ENHANCED CYCLE TIME

The BF MicroBead™ boasts On/Off cycle speeds of 3.5 milliseconds, ideal for high-speed applications.

ULTIMATE IN RELIABILITY

The BF MicroBead's™ air open/air close design provides accurate, uniform adhesive patterns and bead placement, while the built-in filter helps maintain a clean nozzle orifice.

SAVINGS OF UP TO 50%

Replace a 6" continuous adhesive bead with 3" bead of adhesive in a skip pattern, and you cut adhesive consumption by up to 50%. It's that simple, and the savings are that certain.

HOT MELT SAVINGS

Driving Innovation for PACKAGING

ASK ABOUT OUR FREE SAVINGS AUDIT TODAY

Adhesive Consumption Chart

Bead Size	Bead Illustration	Linear Feet Per Pound	Pounds Per Linear Foot
1/32"		6000	0.00017
1/16"		1500	0.00067
3/32"		850	0.00118
1/8"		**500**	**0.00200**
5/32"		300	0.00333
3/16"		210	0.00476
1/4"		115	0.00870
3/8"		50	0.02000

Computation for a Typical Continuous Bead Application

16 Beads x 6" Length x 20 Cases/Minute = 1,920 Linear Inches/Minute x 60 Minutes = 115,200 Linear Inches/Hour ÷ 12 Inches/Foot = 9,600 Feet/Hour of Bead

1/8 Inch Bead = .002 Pounds/Linear Foot

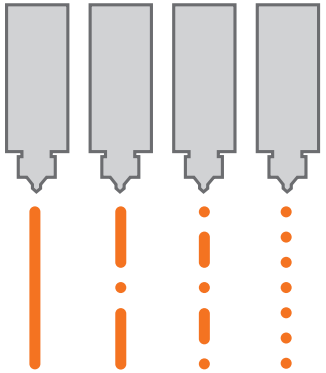
9,600 Feet/Hour of Bead x .002 Pounds/Linear Foot = 19.2 Pounds/Hour x 8 Hours/Day = 153.6 Pounds/Day x 5 Days/Week = 768 Pounds/Week @ $2.00/Pound Adhesive Cost = $1,536/Week Adhesive Cost

CURRENT METHOD
6" of Adhesive

STITCH METHOD
Only 3" Adhesive

BASIS FOR COMPARISON

1/8 Inch Beads
16 Beads/Case
20 Cases/Minute
$2.00/lb. Adhesive Cost



SUSTAINABILITY