

BF Marathon Slot Die™ Adhesive Applicator

The BF Marathon Slot Die™ is an air-operated, single- or multi-orifice hot melt adhesive applicator assembly with an integrated filter cartridge that prevents particulate matter from obstructing flow through the slot die nozzle. Assembly includes set of 5 brass shims that are easily cut to customer width specifications.

BF Marathon Slot Die™ Applicator:

- Standard air open/air close module provides positive shut-off and on-cycle.
- Platinum sensor provides better temperature control over nickel sensors.
- Quick-clamp system for easy mounting.
- Set of 5 brass .004 shims included.
- Built-in, heated filter with the largest surface area on the market results in longer filter life and reduces nozzle clogging.

Reliability

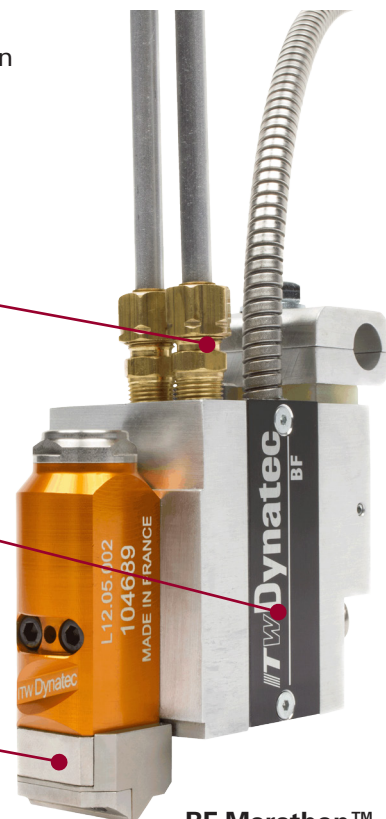
Air open/air close standard gives clean, sharp cut-off every time.

Performance

Built-in, heated filter better maintains a clean nozzle orifice.

Simplicity

Easy-to-remove module body saves time during module changes.



BF Marathon™ Applicator shown with 1" Slot Die nozzle

The Dynatec *Difference*

Air Open / Air Close Standard

Over time, adhesive applicator modules that use an air open/spring close system can lose spring tension, resulting in stringing and poor cut-offs. The BF Mod-Plus Marathon™ applicator module is designed to operate as an air open/air close system that does not rely on a spring to close the orifice during operation.

The result is both cleaner cut-off and better operation over a longer operating lifespan. While this feature may be optional on competitive modules, only ITW Dynatec offers this feature standard on the BF Mod-Plus Marathon™ adhesive applicator.

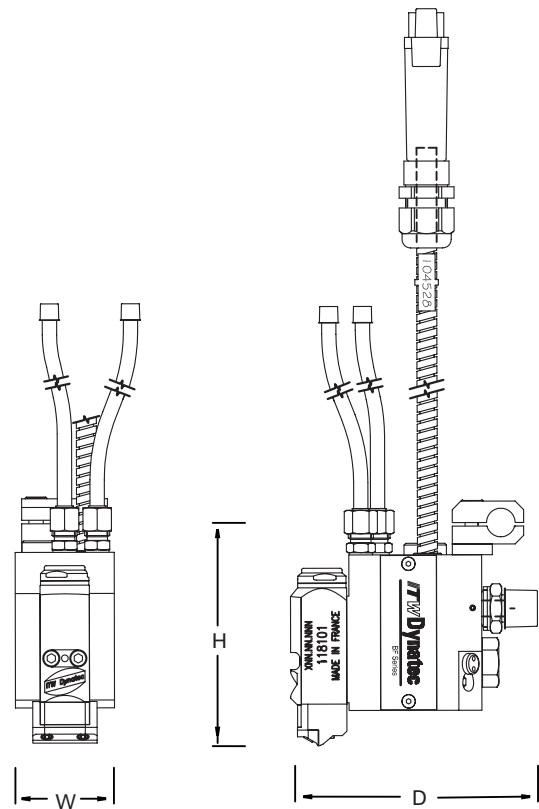
System	BF Slot Die™
Operating Temperature Range	38°C to 218°C (100°F to 425°F)
Minimum Operating Pneumatic Pressure	5 bar (74 psi)
Maximum Operating Pneumatic Pressure	9.7 bar (140 psi)
Minimum Adhesive Pressure	41 bar (600 psi)
Maximum Adhesive Pressure	68 bar (1,000 psi)
Minimum Adhesive Viscosity	None
Maximum Adhesive Viscosity	20,000 cps
Maximum On/Off Cycle Speed	5,000 cycles/minute (400 series MAC® valve)
Nozzle Width	1.125 in.
Coating Application Width	1 in. max

* Specifications are based on 1,000 cps adhesive

Dimensions	BF Slot Die™
Height (H)	99 mm (3.9 in)
Depth (D)	100.5 mm (3.95 in)
Width (W)	44 mm (1.73 in)

More Filter, Less Clogging

- More than 6x the surface area of competitive standard filters.
- Longer life and less nozzle clogging over other competitive standard filters.
- Built-in filter is heated for better adhesive temperature control.
- Built-in filter purge valve makes for easy backflushing, further increasing filter life and reducing nozzle clogging issues.



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