

YOUR VISIBLE VALUE

ALPHA
MARATHON
FILM EXTRUSION TECHNOLOGIES INC.

 **POLYSYSTEM**®

SINGLE OR CO-EXTRUSION



**Quality built utilizing
only North American
OEMs components!**

Alpha Marathon Low Pressure bottom fed single layer or co-extrusion spiral dies are manufactured of the finest quality of materials that this industry has to offer. Computer simulation program designs the geometry variables based on the rheology of the resins behaviour through the blown film die. Our Patented Flow Thru Mixing Channel ensures proper homogenization of the melt flow simply by two ports feeding each spiral and each port feeding two spirals with no possibility for cold melt to reside which is forced into the leakage flow over the full length of the spirals.

STANDARD FEATURES:

- ❖ Patented Flow Mixing Channel;
- ❖ Low Pressure +/- 5 to 7% gauge distribution;
- ❖ Low pressure design 4000 – 5000 PSI;
- ❖ Manufactured from 4340 steel, annealed and stress relieved;
- ❖ Smooth flow passages;
- ❖ Highly streamlined melt flow passages from extruder adaptor to exit of the die;
- ❖ Hard nickel plating;
- ❖ High quality ceramic heater bands with standard euro plugs (voltage to be confirmed);
- ❖ J-type thermocouples;

OPTIONS

- ❖ Stationary, rotating or Oscillating Design;
- ❖ IBC or Non IBC application.

