

Static filters

## BDC and BDCLD filter

HIGH-PERFORMANCE  
FILTRATION  
FOR HIGHLY EFFICIENT  
EXTRUSION LINES

### APPLICATIONS

- Blown or flat film
- Pipes and profiles
- Cable coating



**BDC and BDCLD filtration housings** are designed specifically for blown and cast film lines requiring strong filtration levels.

**Single and multi-cartridge (3,7 and 12) BDC are suitable for filtration fineness up to 40 microns** by means of cylindrical elements available with different diameters and length to achieve an overall filtering area allowing extended working time.

Filtering media surface can be flat or pleated to multiply up to 4 times the total filtering area.

**BDCLD are suitable for extremely strong filtration levels up to 3 microns** by means of disc filtering media "leaf disc" made of sintered wire cloth laminates or sintered non-woven fiber metal felt media.

The design and configuration of disc assembly enhances the effective filtering area reducing the residence time of the polymer and of course the risk of degradation.

Both BDC and BDCLD filtering media are made of 316L stainless steel and therefore compatible with corrosive polymers.

**Filtration housings and filtering media holders can be made of AISI 316L stainless steel or nickel plated** and are designed to fit any kind of extruder, mechanical interface and hourly throughput.

As all BD Plast filtration systems can be fully customized to meet any possible need and are suitable for the processing of: PE, LDPE, LLDPE, HDPE, PP, PS, HIPS, PET, PA & e PA 66.



BD PLAST FILTERING SYSTEM