

For those who desire
perfect filtration

MICROFILT LASER DISC FILTER

EXCELLENT FILTRATION PERFORMANCE



AROUND packaging
AROUND measuring
AROUND recycling



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HIGH

FILTRATION PERFORMANCE
PROFITABILITY
PELLET QUALITY



Thousands of conical drilled micro holes are available on the filter screen surface. Under pressure, contamination is discharged by scraping without permitting to pass through the filter. By this way, black dots formed as a result of elastic form and degradation are removed without allowing any passages.

A system of a technology marvel enables exact cleanliness, transforms the product into practical and useful form by discharging the contamination continuously thanks to micro conical holes.

Removes contamination

Eliminates operator role

Washed Post Consumer (LDPE-LLDPE)



INLET



CONTAMINATION



OUTLET

Washed Film (LDPE-LLDPE)



INLET



CONTAMINATION



OUTLET

Washed Post Consumer PP Woven



INLET



CONTAMINATION



OUTLET

HDPE Regrinds



INLET



CONTAMINATION



OUTLET



PROVIDES
PROFITS IN
EVERY ASPECT

✓ The filtration opportunity along with 150,200,250,300,350 μ hole dia.

✓ Paper,wood, dust, rubber, silicone, polyester, unmelted particles and black dots composed of degradation are removed from the polymer.



PROFIT FROM
LABOR COST



PROFIT FROM
CAPACITY DIFFERENCE



PROFIT FROM
ENERGY SAVINGS



PROFIT FROM
MELT LOSS



HIGHER QUALITY APPLICATIONS

Minimum Melt Loss,
Maximum Contamination Discharge



As a result of the application;
Reduced blackdots on the surface
Increased line speed
Decreased labor cost

LDF Performance Series

Microfilt Disc Filter



LDF SERIES

Microfilt Disc Filter	MODELS	
Technical Data	LDF 300	LDF 500
<input type="checkbox"/> Filtration Surface Area	1150 cm ²	2450 cm ²
<input type="checkbox"/> Disc Diameter	300 mm x 2	500 mm x 2
<input type="checkbox"/> Capacity	300 - 600 kg/h	700 - 1500 kg/h
<input type="checkbox"/> Max. Pressure	250 bar	250 bar
<input type="checkbox"/> Filter Hole Diameter	150 / 200 / 250 / 300 / 350 μ	150 / 200 / 250 / 300 / 350 μ



- » Production without frequent screen changes for weeks.
- » Elimination of operator sourced capacity reduction, late filter replacement and constant operator control.
- » Prevention of annual tonnes of plastic loss
- » Maximum output, minimised melt plastic loss
- » Ensuring higher quality product by means of micro conical holes
- » Increase of profitability rate and extruder capacity in highly contaminated products
- » Decrease of energy and labor cost expenses
- » Boost of plastification and product brightness thanks to pushing force by micro holes
- » Rise of profit rates by means of high added value products due to continuous automatic filtration specialty.
- » Full automatic operation system and continuous separation of the contamination from the melt plastic.



WHY MICROFILT LASER DISC FILTER?



Extensive Product
Information with your
Smart Device

MICROFILT LASER DISC FILTER

EXCELLENT FILTRATION
PERFORMANCE



PROFIT FROM
LABOR COST



PROFIT FROM
CAPACITY DIFFERENCE



PROFIT FROM
ENERGY SAVINGS



PROFIT FROM
MELT LOSS

EXCELLENT | FILTRATION
RESULT



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