PURGEX™ 461

Purgex™
Purging Compounds

PRODUCT INFORMATION

Purgex™ 461 Commercial Purging Compound is a ready-to-use blend consisting of active ingredients with a polyethylene carrier. Purgex products have mechanical activity for efficient cleaning, foaming action for enhanced mixing and a lubricant for easy removal. Purgex thoroughly and safely cleans extruders, injection molding machines, and hot runner systems.

Physical Description:

- Blend, polyethylene, and an active component
- Non-toxic, non-abrasive, and safe
- Ready to use and easy to remove

Processes	Injection Molding; Extrusion compounding; Profile extrusion; Sheet extrusion; Blown Film
Listed resins	Flexible PVC*, LLDPE, LDPE
Amount needed	For extrusion, use 15 lbs of Purgex 461 per 100 lbs of throughput. For injection molding, use 1 to 1.5 times barrel capacity, depending on condition of machine/tool and colorant/additive loading. Note: After Purgex is used on a regular basis, the amount used to purge can often be reduced by 25 to 50%.
Temperature range	250-450°F (120-232°C)
Equipment cleaned	Cold Runners, Hot Runners, Check Valves, Mixing Nozzles, Accumulators, Melt Pumps, Extrusion Dies

*Flexible PVC: within 250-450°F. Coverage: Product Selection Guide Matrix, Rev. H, version supplied Nov. 11, 2026. Table aligned Nov. 11, 2026; original sheet revision retained below.

Features & Benefits:

- ✓ Designed for blown film applications, Purgex 461 cleans the extruder, screen pack housing and die/manifold, removing all types of contamination and improving overall film appearance.
- ✓ Effective for frequent purging schedules.
- ✓ May be used in certain extrusion lines without removing the screen pack.
- ✓ Thorough cleaning of melt pumps and is safely processed through dies as small as .030-inch (0.75mm).
- ✓ Efficient removal of compostable and biodegradable resins.

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