



## GEON® Purge Solutions for Vinyl

GEON Purge effectively cleans out extruders in between PVC production runs or at shutdown. It removes external pollutants, unmelted resins, moisture, undispersed modifiers & additives, and degraded residues from barrels and screws of the machine.

Effective purging helps to reduce downtime and increase productivity, avoiding the time-consuming process of removing, dismantling and cleaning parts. It also removes contaminants that cause quality control concerns, and can lessen time spent troubleshooting. Most importantly, purging enhances safety and security with less machinery damage and decreased risk to worker safety.

### WHEN TO USE GEON PURGE

As a general best practice, purging adds value when used for:

- Color changeovers
- Material and formulation changes
- Shutdown or startup
- Machine maintenance

Long production runs especially can lead to PVC degradation or create build-ups inside the extruder and tooling. Utilizing GEON Purge as a part of a regular process helps increase overall productivity and can extend equipment life, even with longer runs.



## GEON® PURGE SOLUTIONS

A variety of options are available, depending on equipment, material characteristics and applications.

	PRODUCT ID	DESCRIPTION
<b>EXTRUSION</b>		
Designed with scrubbing action and little to no fusion for ease of tooling disassembly		
Cleaning	LP300 Pellets	Can be used on both twin screw and single screw extruders
	E0101 Powder	Used to clean extruder/die at shutdown on twin screw extruder only; die to be removed after purging.
Shutdown	E0916 Powder	<b>Designed to leave in the die and restart at a subsequent time; very good stability and metal release, but scrubbing purge action can be stronger with cleaning purges</b>
<b>PACKAGING BLOW MOLDING</b>		
A series of purge formulations designed with similar melt viscosity to PVC packaging materials		
	Clear Oxypurge	For use with transparent PVC to avoid opaque contamination; especially effective for reducing color changeover times
	Oxypurge	Opaque medium filled purge for cleaning and light scrubbing action with opaque PVC; for cleanout and equipment shutdown
	GEON Purge Natural	Opaque filled purge for cleaning and scrubbing with more heavily filled PVC; for cleanout and equipment shutdown
<b>WIRE AND CABLE COATING</b>		
Plasticized material of similar melt viscosity to wire & cable PVC formulations		
	W78F Natural	Used for cleanout and equipment shutdown

There are many different types of GEON Purge products, each with its own processing requirements. Consult with the GEON Technical service team for processing instructions and to find your best GEON Purge solution.

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