



Fresh Start Purging Solution™

When you need more than just another purging compound.

Fresh Start Purging Solutions are a patented, revolutionary, all-purpose purging compounds which are intended to cover the needs of the plastic industry. The MC-2 and GP solutions are only two in a series of innovative and ground breaking purges designed for the removal of unwanted pigments, polymers and contaminants without leaving residue.



MC-2™ - FRESH START PURGING SOLUTION™

MC-2 is a proprietary solution for mechanical purge applications where hybrid / chemical purges are not preferred.

- Designed for quick color changes
- Specifically formulated for cleaning manifolds, hot runners and other channels with tight clearance
- Safe, non-abrasive, non-hazardous purging solution developed around General Recognized As Safe (GRAS) ingredients under FDA 21 CFR
- Formulated for ease of use with no purging solution residue

PART NUMBER	DESCRIPTION
MC2A55	MC2-A PE BASED 55LBS - MECHANICAL
MC2A1320	MC2-A PE BASED 1320LBS - MECHANICAL

GP-HYBRID FRESH START PURGING SOLUTION™

GP Hybrid is a patented pending mechanical / chemical purging solution designed for cleaning out Engineering resins in difficult situations. .

- Designed for ease of use with no purging solution residue
- Ideal for quick color changes overs, particular liquid pigment dispersions, dyes and engineered resins
- Safe, non-abrasive, non-hazardous purging solution developed around General Recognized As Safe (GRAS) ingredients under FDA 21 CFR
- Not recommended for POM resins

**Note: Acetal materials are not compatible with Fresh Start Purging Solution GP-Hybrid™. Fresh Start Purging Solution MC-2™ is recommended for this purpose*

PART NUMBER	DESCRIPTION
GPA55	GP-A PE BASED 55LBS - HYBRID CHEMICAL/MECHANICAL
GPA1320	GP-A PE BASED 1320LBS - HYBRID CHEMICAL/MECHANICAL

Fresh Start Purging Solution™ is a trademark of Fresh Start Polymer Solutions Inc.



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Applications:	Injection- cold and hot runners, blow molding Extrusion- profile, sheet, cast film, compounding, blow film
Temperature Range:	350° F - 625° F (177° C - 329° C)
Types of Resins:	All types
Minimum Clearance:	.010 inch or 254µm (microns)
Amount of Purge	Generally requiring 1 to 3 times the barrel capacity depending on the machine condition
Shelf-life	For best results use within 9 months (Keep bag sealed to avoid exposure to moisture)

Machine Clamping Force	Suggested Purge Quantity Guideline	
	Initial Purge	Regular Use
100 ton machine	5 pounds	1.5 pounds
200 ton machine	7.5 pounds	2.5 pounds
300 ton machine	10 pounds	4 pounds
400 ton machine	15 pounds	5.5 pounds
500 ton machine	18 pounds	6.5 pounds
600 ton machine	20 pounds	8 pounds
700 ton machine	25 pounds	9.5 pounds
800 ton machine	28 pounds	10.5 pounds
900 ton machine	32 pounds	12 pounds
1000 ton machine	35 pounds	13.5 pounds
1500 ton machine	40 pounds	20 pounds
2000 ton machine	45 pounds	26 pounds
2500 ton machine	50 pounds	33 pounds
3000 ton machine	65 pounds	40 pounds

General guidelines:

For initial use- Multiply machine tonnage 8 and divide by 454 grams.

For regular usage- Multiply machine tonnage by 6 and divide by 454 grams.

Process		Grades	
		GP Hybrid	MC-2
Injection Molding	Hot Runner Systems	•	•
	Cold Runner/Conventional	•	•
Other Processes	Blow Molding	•	•
	Compounding	•	•
Extrusion	Blown Film	•	•
	Cast Film	•	•
	Sheet	•	•
	Profile	•	•
Processing Temperature	Low (°F)	350	350
	High (°F)	625	625
	Low (°C)	177	177
	High (°C)	329	329

