



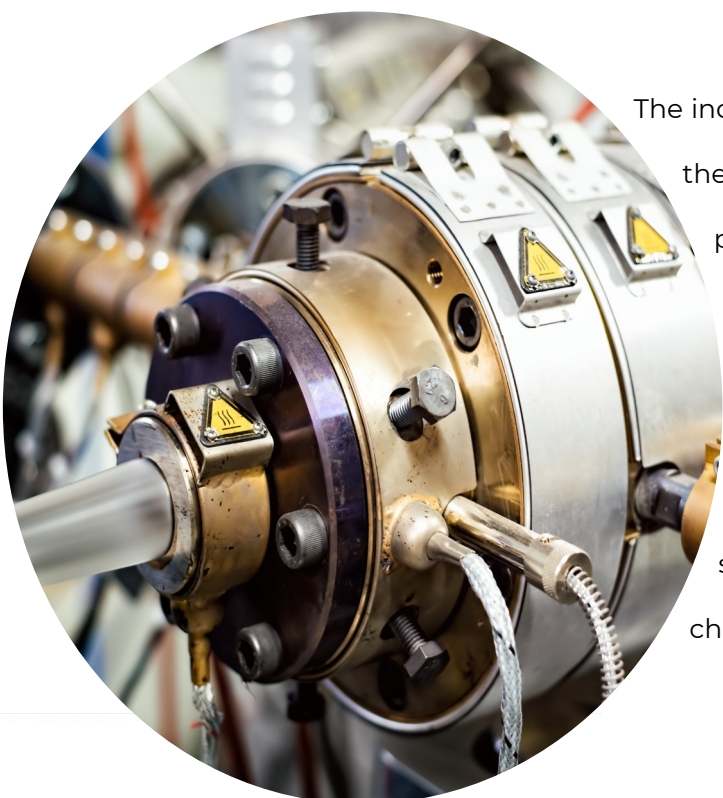
# Purge Compounds

PVC compounds for production stop & change

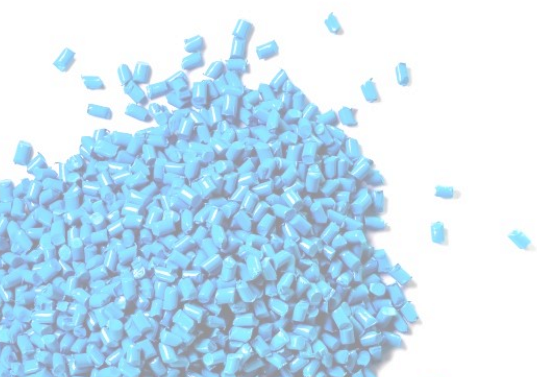
## Optimise your process with Benvic

The PVC manufacturing industry demand for sustainable advancements in productivity continues with the focus on enhanced and effective cleaning systems for end to end production processes, such as extrusion and injection moulding equipment. This includes the associated costs of in-process start-ups, shutdowns, tool changes, and batch changeovers.

Purge compounds have a key role in addressing these costs by reducing time, material and equipment damage. Their purpose, by definition, is to “remove abruptly” the existing material from the production equipment as quickly and efficiently as possible. This is the underlying concept of the various BENVIC purge solutions.



The increased migration to “on demand” customer orders and the need for shorter lead times, has resulted in smaller product manufacturing runs and the requirement to change materials and tooling more frequently. This has inevitably introduced inefficiencies such as increased resources, downtime, material wastage, and equipment wear. In order to maintain profitability and service levels, companies need to make these frequent changes as quick, efficient and effective as possible.



## BENVIC purge benefits

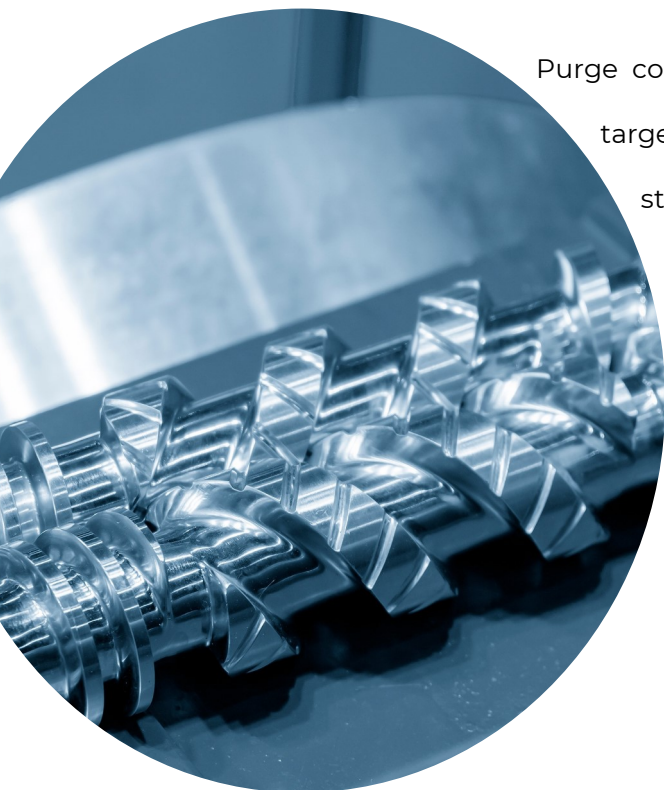
**Reduce the damage caused to machines**, i.e. screws/barrels and dies/tools by manual cleaning/dismantling equipment.

**Reduce down time** between material changes, particularly colour changes

**Reduce waste of “prime” material** during changes

**Reduce material wastage due to contamination** from material residues or decompositions

**Reduce overall costs**



Purge compounds are based on various formulations depending targeted functions properties. Our solutions uses innovative stabiliser technology providing elevated temperature resistance and enhanced cleaning action. The extensive range of rigid and flexible compounds is targeted for use across a wide range of processes including recycling.



## Targeted processes

Extrusion– General purpose



Windows profile extrusion



Pipe extrusion



Injection moulding



Bottle blow moulding



Record pressing



**Purge** For removing material and residues from screws, barrels and tools when changing colour and/or material plus process start-ups shutdowns.

**Scrubber** A purge compound with a unique and enhanced cleaning action providing the benefit of a deeper clean on screws, barrels and tools. This can eliminate the need for complete equipment dismantling following increased levels of degradation.

**Hot runner** Specific formulation for injection molding where tools equipped with hot runner systems require in process cleaning.

## Main functions




















## Soft PVC purge

	Main features	Targeted process	Certification	Country of origin	Presentation
<b>FLEXIPURGE HF</b>	Purging & sleeper Highly filled			UK	Pellets
<b>FLEXIPURGE LF</b>	Purging & sleeper Slightly filled			UK	Pellets
<b>FLEXIPURGE X</b>	Purging & sleeper Crystal			UK	Pellets



## Rigid PVC purge

	Main features	Targeted process	Certification	Country of origin	Presentation
<b>ER690</b>	Purging	 		IT	Pellets
<b>ER778</b>	Purging	  		SP	Pellets
<b>EB779</b>	Purging	 		SP	Pellets
<b>MS3KW</b>	Purging	  		PL	Pellets
<b>CRF0000/101</b> <b>CRF0000/101S</b>	Purging Purging & sleeper			UK	Pellets
<b>CRF0000/121</b> <b>CRF0000/121S</b>	Purging Purging & sleeper			UK	Pellets
<b>CRF0000/122</b> <b>CRF0000/122S</b>	Purging Purging & sleeper	 		UK	Pellets
<b>CRF0000/160</b>	Purging			UK	Pellets
<b>DUCAPURGE 901</b>	Scrubber			UK	Pellets
<b>DUCAPURGE HR</b>	Hot runners			UK	Pellets

### Support

As leading specialist of PVC compounding, BENVIC supports its customers during the whole production process, from design to manufacturing to after-sales services. For any support, please contact your closest BENVIC sales representative or consult our website at [benvic.com](http://benvic.com).

Technical data sheets, processing recommendations and other supporting data are available upon demand. The information given here above is general commercial information, cannot be considered as a specification and can change without prior notice. Benvic also supports customers through continuous adaptation of its products: please contact your nearest sales representative for technical support.



[www.benvic.com](http://www.benvic.com)