

SIMPLY BETTER PURGING.



CORA
CORATEX
REINIGUNGSEMULSION





CORATEX AND CORATEX HT

GENERAL INFORMATION

CORATEX is a purging emulsion for plastics processing machines.

It is primarily used for colour- and material changes, in preparation of preventive maintenance programs, for the removal of polymer degradation ("black specks") and during machine start-up after closing down.

It will give outstanding cleaning results on all relevant components such as screws and barrels, including heads and dies of extruders and nozzles, hotrunner tooling of injection moulding machines.

In addition to its purging properties **CORATEX HT** is very popular for manual cleaning of individual machine components.

CORATEX (Art.-No. 66261030130 - one packing unit of 10 bottles, 800 ml each bottle) and **CORATEX HT** (Art.-No. 66261030549 - one packing unit of 10 bottles, 800 ml each bottle) are mixed with your polymer and applied under reduced process temperatures (see right side information). For remote destinations please ask for special overseas packaging.

CLEANING WITH CORATEX: A SUCCESSFUL CONCEPT THAT PAYS OFF!

THE UNIQUENESS OF CORATEX IS BASED ON 3 PILLARS:

[COST SAVING]

CORATEX is an innovative material designed for efficient performance purposes.

Tight quality control in the manufacturing process is the key precondition for reliability. This product has proven itself for decades to the benefit of plastics processors.

CORATEX is produced in a certified manufacturing environment to assure a constant product performance and it is "Made in Germany".

[EFFECTIVE]

Convincing cleaning results; removes extra stubborn material contamination, colours and oxidization traces.

When compared to other purging systems **CORATEX** achieves outstanding and economical results.

CORATEX enhances enormous time and cost savings and it is simple to use.

[VERSATILE]

CORATEX is a concentrated liquid which brings additional manual cleaning opportunities when compared with any granular product.

It can be mixed as an additive to all types of polymers to become a purge material.

It takes just a few minutes to prepare **CORATEX** to work.



CORATEX – MAXIMUM PURGING RESULTS WITH MAXIMUM COST EFFICIENCY!

APPLICATIONS FOR CORATEX

CORATEX and CORATEX HT are concentrated liquids which can be used with all types of polymers.

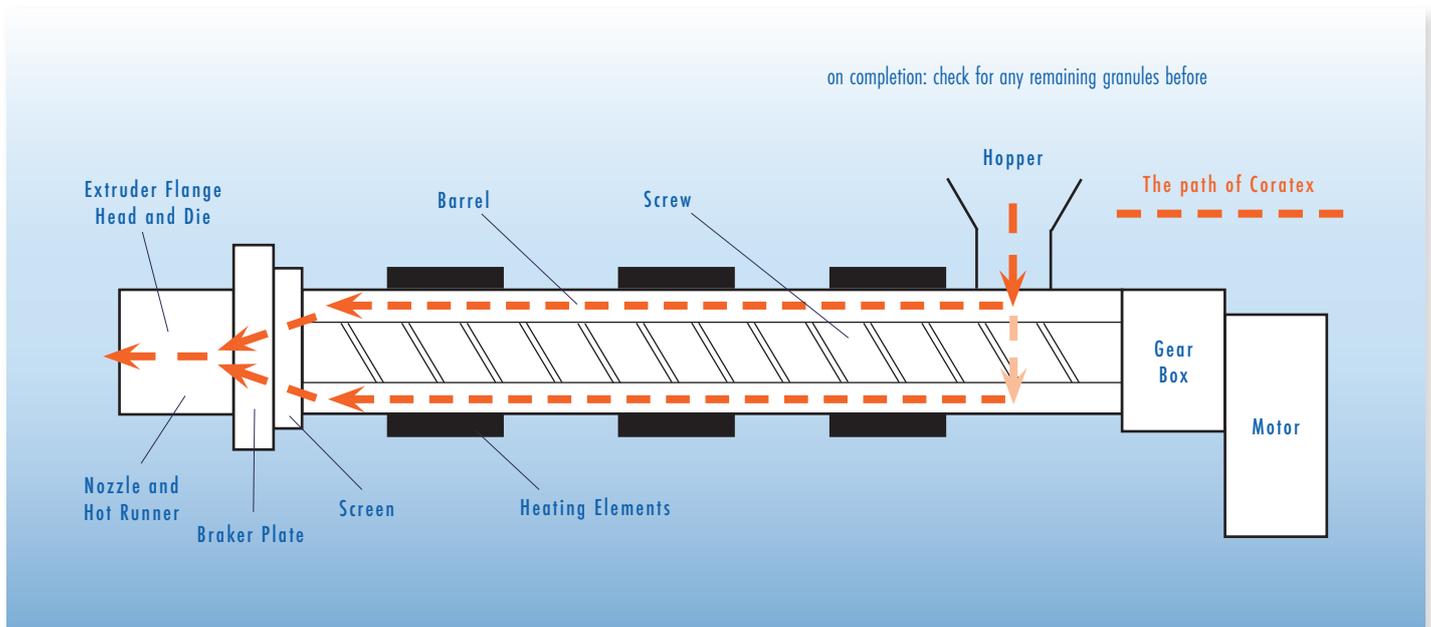
Typical applications for cleaning/ purging:

- > extrusion lines, such as as compounding, pipe, sheet, profile, cable, master batch
- > injection moulding machines with conventional or hotrunner tooling
- > film blowing and blow moulding machines
- > and manual polishing for the final touch



CORATEXING

One diagram covering the preparations of various machine configurations for best results for all thermoplastic raw materials. For machines using PVC please refer to our application instructions.



PROCESS STEPS

1 PREPARATION

Check your machine parameters and ensure free access of purge mix into the machine hopper. The hopper should be free of loaders, driers and the like, to allow the purge mix to be fed directly onto the screw.

2 TEMPERATURE SETTINGS

According the specific thermoplastic material, approximately 10-15 % under normal processing temperatures, see Temperatures / Proportions table. Alternatively the use of lower melt flow material as carrier for CORATEX may allow the processing temperature to be left at normal processing temperature, when purging. In either case it is advisable not to reduce the die temperature.

3 PREPARATION OF THE PURGING MIXTURE

Ensure that the polymer granules are evenly coated with CORATEX and that any lumps are avoided. Also ensure that the correct ratio of CORATEX to plastic granules is adhered to.

4 PURGING PROCESS

Reduce the screw speed to 50 % or lower and let the purging mixture run through.

5 FLUSHING

After purging flush your machine with virgin material.

6 CONTROL

If required repeat steps 2-5 once more. In the event that the anticipated result is not achieved, a strip-down of screw, head and nozzle parts combined with manual cleaning using CORATEX in neat form, may be required.

7 ON COMPLETION

Check for and remove any remaining coated granules in the feed section and change over to normal production temperatures before commencement of the next production run of the machine.



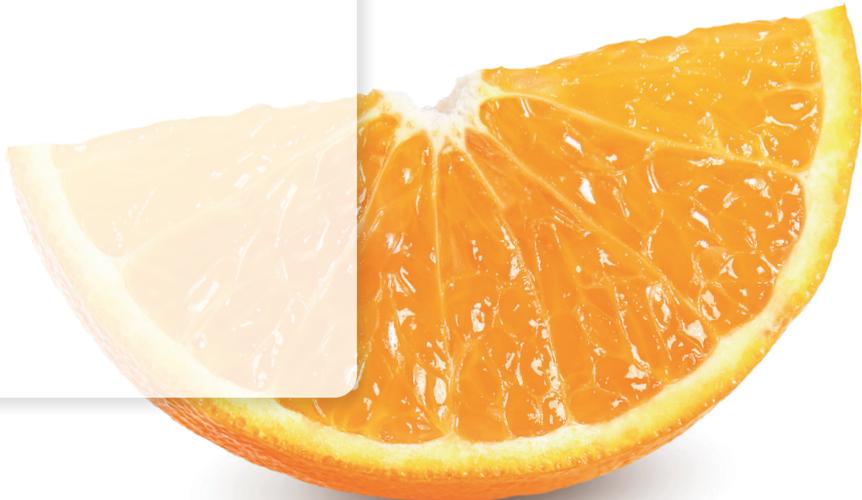
EXAMPLES SHOWING THE VALUE OF USING CORATEX

EXAMPLE 1: CORATEX COMPARED TO DISASSEMBLY (STRIP DOWN) OF AN EXTRUSION LINE

cost center	purging with CORATEX mix	strip down	your cost advantage
Labour	2h incl. re-start	8h incl. disassembly and manual cleaning	6h at € 200.- = € 1.200.-

EXAMPLE 2: CORATEX WITH AN INJECTION MOULDER HAVING A Ø 100MM Ø SINGLE SCREW

cost center	purging with CORATEX mix	purging with a compounded, granular purge material	your cost advantage
Purging material	4 % CORATEX mixed into 25 kg of polymer approx. € 80.-	purging material in granular form incl. transport cost approx. €550.-	approx. € 470.-



Your local distributor:

**CORATEX HT.
VOC- AND AMMONIA-FREE.
WITH ORANGE SCENT.**



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