

# Explosion

## Which plastic for fans in Zone 2?

### FAQ from BGRCI:

Dust particles and droplets in the pipelines or fans can cause charges to form on the insulating material. Consequently, for Zone 2 and Zone 1, the fan housing and in particular the impeller must be made of conductive material and to be grounded. For safety reasons, Colasit is the only plastic fan manufacturer to have manufactured the impeller for Zone 2 from conductive plastic. [Link to FAQ: https://bit.ly/2HQm6DJ](https://bit.ly/2HQm6DJ)

We supply safe fans and always comply with the latest regulations. Contact us as ATEX specialists, we will be glad to help you.



### What changes for the customer?

Zone		NEW			FORMER	
Inside	Outside	Droplet	Impeller	Housing	Impeller	Housing
2	-	Yes	PPs-el	PPs-el	PPs-el	PPs, PVC, PVDF
		No	PPs	PPs, PVC, PVDF		
2	2	Yes	PPs-el	PPs-el	PPs-el	PPs, PVC, PVDF
		No	PPs	PPs, PVC, PVDF		
-	2	Yes	PPs-el	PPs-el	PPs-el	PPs, PVC, PVDF
		No	PPs	PPs, PVC, PVDF		
1	-	Yes / No	PPs-el	PPs-el	PPs-el	PPs-el
1	2	Yes / No	PPs-el	PPs-el	PPs-el	PPs-el
1	1	Yes / No	PPs-el	PPs-el	PPs-el	PPs-el
2	1	Yes / No	PPs-el	PPs-el	PPs-el	PPs-el
-	1	Yes / No	PPs-el	PPs-el	PPs-el	PPs-el

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