

EDRIZZI VARIO FINE, MEDIUM AND COARSE

FOR AN EFFICIENT DRY SEPARATION

APPLICATION

- high-quality dry separation in spray booths
- perfect as a prefilter in multistage filtration systems



KEY DATA	edrizzi Vario coarse	edrizzi Vario medium	edrizzi Vario fine	edrizzi Vario S coarse
Article number	53534365 + 53534347	53534365 + 53534348	53534365 + 53534364	53534344 + 53534331
Dimensions (W x H x D) [mm]	485 x 485 x 495	485 x 485 x 495	485 x 485 x 495	485 x 485 x 295
Initial pressure drop [Pa]	110	200	270	30
Paint storage capacity up to [kg]	25	25	25	15
Thermal stability [°C]			80	
Moisture resistance (rel. hum.) [%]			80	
Paint mist arrestance efficiency up to (%)	90	95	97	90
Weight, empty [kg]	1.6	1.9	2.2	0.8

KEY DATA	edrizzi Vario S medium	edrizzi Vario S fine	edrizzi Vario frame	edrizzi Vario S frame
Article number	53534344 + 53534332	53534344 + 53534333	53534366	53534345
Dimensions (W x H x D) [mm]	485 x 485 x 295	485 x 485 x 295	500 x 500 x 465	500 x 500 x 265
Initial pressure drop [Pa]	140	240		
Paint storage capacity up to [kg]	15	15		
Thermal stability [°C]	80	80		
Moisture resistance (rel. hum.) [%]	80	80		
Paint mist arrestance efficiency up to (%)	95	97		
Weight, empty [kg]	1.1	1.4		

KEY DATA	edrizzi Vario hydro coarse	edrizzi Vario hydro medium	edrizzi Vario hydro fine	edrizzi Vario S hydro coarse
Article number	53537032 + 53537030	53537032 + 53537031	53537032 + 53537206	53537029 + 53537024
Dimensions (W x H x D) [mm]	485 x 485 x 495	485 x 485 x 495	485 x 485 x 495	485 x 485 x 295
Initial pressure drop [Pa]	110	200	270	30
Paint storage capacity up to [kg]	25	25	25	15

KEY DATA	edrizzi Vario hydro coarse	edrizzi Vario hydro medium	edrizzi Vario hydro fine	edrizzi Vario S hydro coarse
Thermal stability [°C]			80	
Moisture resistance (rel. hum.) [%]			100	
Paint mist arresstance efficiency up to (%)	90	95	97	90
Weight, empty [kg]	1.6	1.9	2.2	0.8

KEY DATA	edrizzi Vario S hydro medium	edrizzi Vario S hydro fine
Article number	53537029 + 53537026	53537029 + 53537028
Dimensions (W x H x D) [mm]	485 x 485 x 295	
Initial pressure drop [Pa]	140	240
Paint storage capacity up to [kg]	15	
Thermal stability [°C]	80	
Moisture resistance (rel. hum.) [%]	100	
Paint mist arresstance efficiency up to (%)	95	97
Weight, empty [kg]	1.1	1.4

MEDIA AND CONSTRUCTION CHARACTERISTICS

- made from fire-retardant corrugated cardboard. This guarantees a safe and stable application.
- guidance systems deep inside ensure optimum arresstance efficiency and are designed not to become saturated too fast.
- edrizzi® Vario medium: solution for the majority of surface materials.
- edrizzi® Vario fine: used for applications in which the edrizzi® Vario medium reaches its limits in terms of arresstance efficiency. Application examples include high-rotation bells, very finely atomized solvent coatings and nano coatings.
- edrizzi® Vario coarse: solution for applications in which paint cakes build up on the inlet side of the edrizzi® medium, preventing attainment of the maximum service life.

FEATURES AND PLUSES

- cost-effective and efficient dry separation with a high paint storage capacity for paint shops.
- edrizzi® paint mist arrestors reduce noise levels in the spraying area by 15 to 20 dB.
- dried paint can be disposed of cost-effectively.
- delivery method: unassembled, allowing cost-effective transport and storage.
you can find assembly instructions on our YouTube channel: www.youtube.com/user/FreudenbergFilter

When using the product for its intended purpose as a paint mist arrestor, it is necessary to comply with the safety regulations for avoiding self-ignition. See last page of this data sheet.

The information or figures given are subject to tolerances due to normal production fluctuations. Our explicit written confirmation is required in each case for the correctness of the information. Subject to technical alterations. You will find instructions on how to handle and dispose of loaded filters in our information on product safety and eco-compatibility.

INNOVATING TOGETHER

Contact us www.freudenberg-filter.com

 **FREUDENBERG**
FILTRATION TECHNOLOGIES

SAFETY INSTRUCTIONS

FOR HANDLING PAINT MIST ARRESTORS



Instructions for reducing the risk of self-ignition in the case of paint-loaded paint mist arrestors

The classification of paint mist arrestors as “very flame-retardant construction material” according to DIN 4102 applies only to the state of the material without paint loading. As soon as organic – and therefore flammable – (paint) material has been arrested in the filter, it is no longer possible for the filter manufacturer to predict how the filter will behave in the event of a fire.

The following precautions should be taken in order to reduce the risk of self-ignition (resulting from excessive residual solvent content):

1	The paint mist arrestor should not be removed directly after spray-painting, as there will still be a high proportion of solvent in the arrested paint particles (overspray). The paint mist arrestor should remain in the spray cabin at least until it is “dust-dry” with the airflow running.	
2	After removal, the paint-loaded paint mist arrestor should under no circumstances be placed in a closed container for intermediate storage → acute risk of explosion!	
3	In the period between removal and final disposal, the paint mist arrestor should be placed in intermediate storage. The method of intermediate storage should allow unimpeded air exchange and evaporation of the residual solvent. Direct exposure to sunlight should be avoided during intermediate storage, as the rate of evaporation may be greater than the rate at which the solvent can be wicked away → local accumulation → self-ignition .	
4	It is certainly conceivable that mixing different paint systems and using paints from different manufacturers could also facilitate self-ignition. We therefore recommend that you obtain the relevant safety instructions from the relevant paint manufacturer and comply with them meticulously.	

We would like to point out that even compliance with these instructions cannot entirely rule out the risk of self-ignition. Please therefore observe the relevant ordinances on dealing with hazardous substances.