

## VILEDON CHEMCONTROL PELLETS



### Applications

CCP 903 pellets are specifically used for the removal of gaseous ammonia from airstreams. They capture ammonia by means of adsorption and absorption in-

side their zeolite structure. A high inner surface provides good removal capacity over a long service life.

SPHERES MADE OF ZEOLITE		CCP 903
Bulk density	kg/m <sup>3</sup>	900 (+/-5%)
Crush strength (minimum)	kg	3
Removal capacity for NH <sub>3</sub> of own weight	%	10
Minimum design efficiency	%	99.5
Typical air velocity	m/s	0.3–2.5
Suitable for relative air humidities	%	10–95
Temperature range	°C	-20–+50
Remaining lifetime analysis	possible	no

DELIVERY NOTES		
Weight per box	kg	25.0
Box dimensions (L x W x H)	mm	320 x 320 x 340

### CONTAMINANT GASES

CCP 903 pellets are especially recommended for all contaminant gases highlighted in lightblue ●. Choose other ChemControl pellets for all contaminant gases marked in darkblue ●.

- 1 Hydrogen sulfide (H<sub>2</sub>S)
- 2 Sulfur dioxide (SO<sub>2</sub>)
- 3 Other oxides of sulfur
- 4 Nitrogen oxides (NO<sub>x</sub>)
- 5 Chlorine
- 6 Ammonia
- 7 Formaldehyde
- 8 Hydrocarbons
- 9 Mercaptans
- 10 Low molecular weight organic acids
- 11 Volatile organic compounds (VOCs)

If you require information and pellet selection assistance for contaminant gases not listed here, please consult your Viledon® partner.

The figures given are mean values subject to tolerances due to normal production fluctuations. Our explicit written confirmation is always required for the correctness and applicability of the information involved in any particular case. Subject to technical alterations.

## AT A GLANCE – VILEDON CHEMCONTROL PELLETS

<p>CCP 104</p> <p>1 2 3 4 7 9 10</p> 	<p>CCP 610</p> <p>5 8 11</p> 
<p>CCP 108</p> <p>1 2 3 4 7 9 10</p> 	<p>CCP 810</p> <p>1 2 4 8 11</p> 
<p>CCP 210</p> <p>1 2 3 4 7 9 10</p> 	<p>CCP 830</p> <p>1 2 3 4 8 11</p> 
<p>CCP 310</p> <p>1 2 3 5</p> 	<p>CCP 840</p> <p>1 2 5 8 11</p> 
<p>CCP 510</p> <p>5</p> 	<p>CCP 903</p> <p>6</p> 

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### Please note

Other ChemControl pellets are available on request – especially custom formulations with impregnations for specific contaminant gases. All application information provided are subject to on-site conditions, specific application requirements and potential alternating effects by combining several ChemControl pellets in multi-stage units. Please consult your local Viledon® partner for further information.

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.

FREUDENBERG FILTRATION TECHNOLOGIES

Contact us

[www.freudenberg-filter.com](http://www.freudenberg-filter.com)

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