

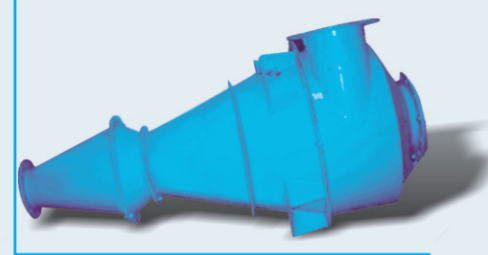
Hofmann ceramic lined cyclones

HOFMANN Engineers offers full range of ceramic lined cyclones in size ranges from 100 mm to 1000 mm and in various material of construction for highly wear prone application. Ceramic lined cyclone provides exceptional wear resistant property and are used in highly wear prone areas like apex, cone, vertex finder etc. In the industry like coal production, power generation, mineral processing and many other application entire cyclones are lined with ceramic liner.

HOFMANN sales engineers will work with you after installation to ensure that optimum design is used, We try to mix the material and design such that highly wear area wears out at the same time lower wear out area wears out so that it allows less down time and reduced cost of replacement parts.

HOFMANN has various types of ceramic material to offer against wear.

HOFMANN ceratuff - 92



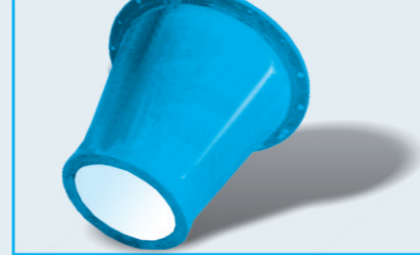
Alumina ceramic based material having high wear resistant properties and cost when compare to other material. Suitable for large size cyclones.

HOFMANN Ceratuff - CN - 178



Silicone Nitride bonded Silicone Carbide having highest wear resistant and temp resistant properties. Cost economy for smaller size of cyclones and smaller size of complicated parts.

HOFMANN AZS



Alumina Zirconia and silica based material can be shaped like castings having higher wear resistant property along with good impact resistant properties. Suitable for high impact or heavy media cyclones.

Advantages :

- Lower Maintenance
- Better Segregation
- Longer Life

Properties of Material

MATERIAL CHARACTERISTIC	CERATUFF - 92	CN - 178	AZS
ALUMINA	>92%	NA	>50%
SIC	NA	>75%	NA
ZIRCONIA	NA	NA	>32%
SILICA	<0.25%	NA	<16%
BULK DENSITY	>3.6 GRM/CC	>2.8 GRM/CC	>3.7 CRM/CC
POROSITY	NIL	< 6%	<1%
HARDNESS	9MOH	9MOH	9MOH

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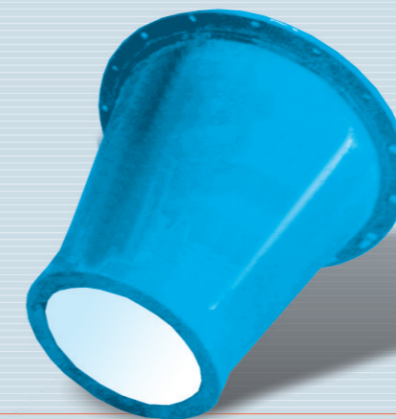
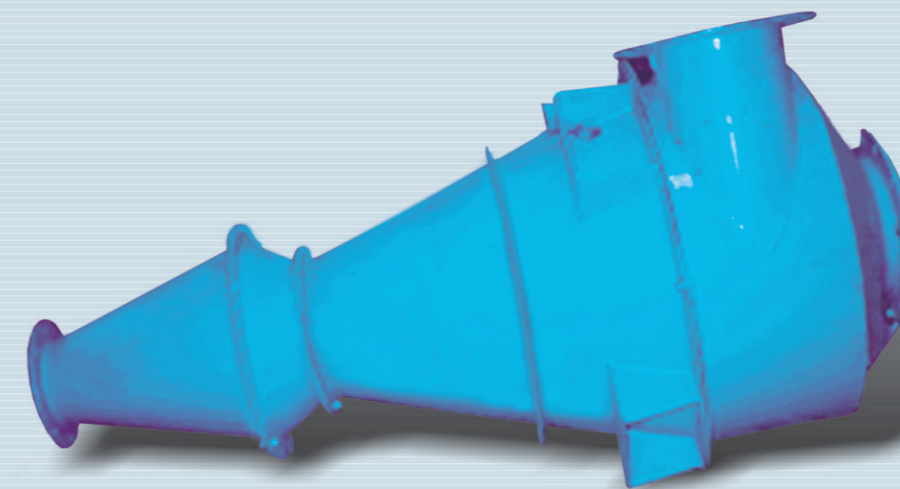
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Technologies



Hofmann ceramic lined cyclones



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