

## Navy CBRN Filter Cartridge

NCFC  
300



### WHO WE ARE?

- Arconik is the fruit of long-term collaboration between the Israeli company Arcotech 360 Global Limited and Indian Company Nikhtish Engineering Private Limited.
- A unique combination of expertise, R&D, know-how, and experience in the area of CBRN / CBRNE air filtration solutions positioned Arconik as one of the most esteemed and fastest-growing companies in its field in the world.

### MAIN FEATURES

- Airflow through a single standard radial filter is 300 m<sup>3</sup>/hr
- Designed in compliance with STANAG 4447
- Suitable for centralized and specialized AFU's
- In case of higher filtration requirements, same filter can be used in multiples

### ADVANTAGES

- Durable packaging to enhance filter life upto 10 years
- Besides CBRN Filtration, these filters are equipped to protect against TIC's and TIM's
- Dummy filters are available for Navy CBRN drills
- Easy service and maintenance access

## APPLICATIONS

### Ship Citadels



### Independent Mobile Field Labs



### Mobile Defense Diagnostic Labs



### Mobile CBRN Labs



## TECHNICAL SPECIFICATIONS

### Model No. : NCFC 300

Properties	Values	Units
Air Flow / Rated Capacity	300 ±10%	m³/hr
Dimensions	Diameter: 545	mm
	Height: 253	
Filter Construction Material	Stainless Steel / Aluminium	
Weight	≤ 30	Kg
Pressure Drop @ (Rated Air flow)	1250	Pa
Testing in Accordance	STANAG 4447 Edition 1 & AEP54 Edition 2	
Particulate Filtration Efficiency @ 0.3μ	≥ 99.995	%

## Dummy/Training Filters

- Dummy filter can be provided to train ship staff for CBRN filter operation.
- The sizes, pressure drop & weight criteria is in compliance to the NATO CBRN Radial Filter.
- Dummy filter is most economic option to validate filter operation requirement.
- Economic for use during Navy CBRN drills.



**Dummy Filter**



**Actual Filter**