

Nanofiber Flame Retardant Cartridge

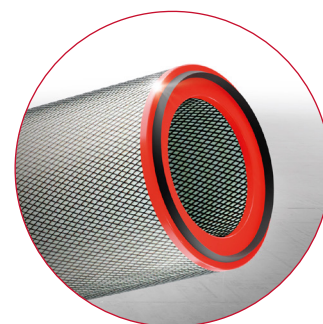
REDClean® NFR is a high-performance cartridge that consists of a blend of cellulose and synthetic fibres with a nanofibre outer layer. This enables it to collect the smallest particles, preventing them from penetrating the media. In this way, the durability of the media is increased and the cartridge replacement frequency is decreased.

It also has a flame retardant finish, which slows down combustion and flame propagation, increasing safety in case any incandescent particles reach the media.

Through extensive research and development, AAF has developed the **REDClean®** range of cartridges, suitable for the most arduous applications, which offers superior performance and increased efficiency, reducing the total cost of ownership.

REDClean® NFR is the most suitable media for AAF International's **OptiFlo®** product range.

- ▶ Nanofibre-based technology, leading the filtration market
- ▶ MERV15 efficiency (ASHRAE 52.2-2007)
- ▶ Excellent particle retention and dust release
- ▶ Flame retardant treatment to reduce fire risk
- ▶ Less compressed air consumption
- ▶ Maximum service life
- ▶ Reduced maintenance costs



Overview

Part Number	AA-214041-N101	
Rated Airflow	to 1200 m³/h	to 750 CFM
Filter Area	19.1 m²	205 sqft
Maximum Operating Temp	80 °C	176 °F

Warnings

Avoid gases over 80°C containing acid and moisture/steam not to cause hydrolysis

Not suitable for high humidity applications

Not suitable for highly hygroscopic products

Industrial Applications

Metal processing: thermal laser cutting, plasma cutting, oxy-fuel cutting; metallising; shot blasting; welding fumes; etc.

Food, chemical, pharmaceutical and textile industries

Foundries and furnaces

Filter Media Details

Media Composition

Synthetic Cellulose Blend with
REDClean® Nanofibre

Area/Weight

130 g/m²

Nanofibre

Yes

Efficiency Classification

MERV15 (ASHRAE 52.2-2007)

Chemical Resistance

Acids	Fair
Alkalis	Fair

Flame Retardant

Yes

Burn Test

F1 (DIN 53-438,III)

Earthed

No

Construction

Open

End Caps

Galvanized Steel

In/Outside Liner

Galvanized

Gasket

1/2" x 1/2" Polyurethane

Shape

Round

Dimensions

Outer Diameter

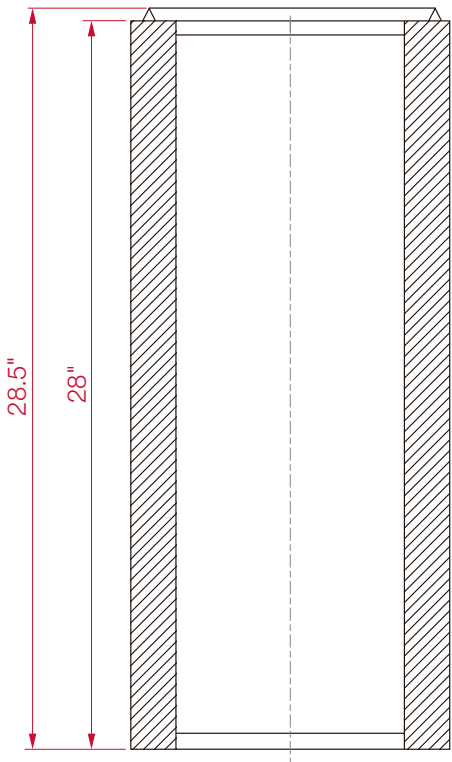
13.87"

Inner Diameter

9.48"

Length

28"



POWERED BY

REDClean® Media

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