



CleverFilter®

THE FILTRATION PEOPLE

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**Baked Glass Fiber Wound Cartridge with
Steel Core CFGFW-Series**

CFGFW

Thermally Treated Glass Fiber String Wound Cartridges

General Specification

The CFGFW Glass Fiber String Wound Cartridges are manufactured with a state-of-the-art construction, where the fibers are partially processed in a parallel orientation to each other. Cartridges with this winding profile are characterized by high flow rates – with precise filtration and consistently reliable performance.

After completion, all filter elements are thermally treated at high temperatures, for the effective removal of impurities such as trace oils and fats.



CFGFW-series filter cartridges

Features

- Designed and manufactured for high temperature applications
- Graded depth honeycomb structure
- Free of Silicone and oil contamination
- Nominal retention rates from 1 to 100 µm
- Broad chemical compatibilities
- Low TOC content
- Free of foaming and very low extractables
- Low tendency of surface blinding
- Large dirt holding capacity

Applications

- Surface Treatment
- Hot Water Applications
- Paints and Varnishes
- Applications with very hot oil and lubricants
- Petro-Chemical Industry
- Bulk and Fine Chemicals
- Paper Mills
- Many Others



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Technical Data

Description	Max. Differential Pressure	Max. Op. Temperature	Filtration Principle
Glass Fiber with Steel Core Thermally Treated („Baked“)	0,35 – 0,41 MPa (3,5 – 4,1 bar)	300°C @ 0,15 MPa (1,5 bar)	Depth Filtration

Product Code

CCFGW – B – 010 – 30 – A – SS

CCFGW : CleverFilter
Glass Fiber
Wound

Outer diameter [mm] :

A : 43 B : 64
C : 64 D : 115

Nom. retention rate [µm]:

001 : 1
005 : 5
010 : 10
020 : 20
030 : 30
050 : 50
075 : 75
100 : 100

Nom. length in inch, (mm):

05 : 5" (127)	30 : 30" (762)
10 : 10" (254)	30A : 29 5/8" (750)
10A : 9 7/8" (250)	40 : 40" (1016)
20 : 20" (508)	40A : 39" (1000)
20A : 19 3/4" (500)	50 : 50" (1270)

Core material :

T : tinned steel
SS : SS304
ST : SS316

Inner diameter in inch, (mm):

A : 1 1/8" (28)
B : 1 3/16" (30)

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CCFGW Glass Fiber Cartridges, baked R0PR-R0PR_en