

## GRANPLEAT JET

- Contaminants retained inside the cartridge
- High flow rate
- High effective filtering area with SE-TECH technology
- Enable the use of fewer filter elements and smaller housings
- Time reduction in change out operation
- EC-listed materials for Food contact



GRANPLEAT JET is able to handle large volume of liquids with precise filtration grade and to collect the contaminants inside the cartridge.

The incorporated SE-TECH technology allows to achieve optimal flow distribution between the media and the internal core, avoiding restriction and exploiting the full filtration surface area to generate high throughput and service life.

The cartridges are well suited for fluids with high level of contamination or upstream protection of membrane cartridges.

Manufacturing is performed in a controlled environment to guarantee high standard quality.

### MATERIAL OF CONSTRUCTION

	CODE GA and GF	OTHER CODES
<b>Filter media</b>	microfiber	polypropylene
<b>Upstream supports</b>	polyester	polypropylene
<b>Downstream supports</b>	polyester	polypropylene
<b>Internal Core</b>	polyethylene-HDPE	polyethylene-HDPE
<b>External Cage</b>	polyethylene-HDPE	polyethylene-HDPE
<b>End caps / Adapters</b>	polypropylene	polypropylene

### FOOD-SAFETY

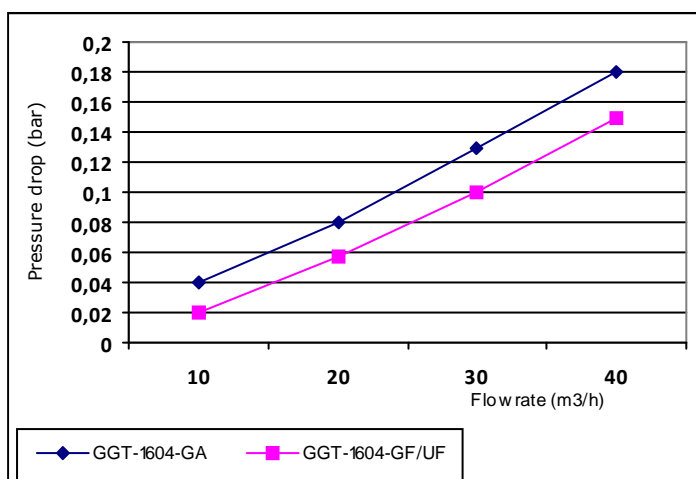
GRANPLEAT JET filter element material meet (EU) regulation 10/2011 and its amendments, regulations (EC) 1935/2004 and 1895/2005.

### OPERATING CONDITIONS

- max. continuous temperature	65 °C
- sanitization with chemicals	can be sanitized by standard chemical agents
- max. differential pressure (internal-external)	3,5 bar at 25 °C
- recommended change out differential pressure	2,0 bar at 25 °C

CODE	FILTRATION RATING IN LIQUIDS	MAX FLOWRATE m <sup>3</sup> /h
<b>GA</b>	<b>0,5 µm</b>	<b>30</b>
<b>GF</b>	<b>1,0 µm</b>	<b>35</b>
<b>UF</b>	<b>1,0 µm</b>	<b>35</b>
<b>UG</b>	<b>3,0 µm</b>	<b>40</b>
<b>UH</b>	<b>5,0 µm</b>	<b>40</b>
<b>UK</b>	<b>10,0 µm</b>	<b>40</b>
<b>UM</b>	<b>20,0 µm</b>	<b>40</b>

## FLOW RATE FOR 40" CARTRIDGE



## GRANPLEAT JET ORDERING INFORMATION

**G P I - 160 4 - UH - GG - SB -**

FILTER MEDIA	CODE
Polypropylene	<b>P</b>
Microfiber of borosilicate with support in PE (only for grade GA and GF)	<b>G</b>

END FITTING	CODE
Polypropylene	<b>T</b>

FILTRATION RATING micron	CODE
0,5	<b>GA</b>
1,0	<b>GF</b>
1,0	<b>UF</b>
3,0	<b>UG</b>
5,0	<b>UH</b>
10,0	<b>UK</b>
20,0	<b>UM</b>

CODE	GASKETS
No code	Standard    Buna N
<b>S</b>	On request    Silicone
<b>V</b>	On request    Viton
<b>E</b>	On request    EPDM

CODE	PACKING TYPE
<b>SB</b>	Single box

CODE	PRODUCT GRADE
<b>GG</b>	General Grade; non prefluxed
<b>BG*</b>	Prefluxed with water

\*only for filtration rating GA and GF containing microfiber of borosilicate

EXTERNAL DIAMETER mm	END FITTING	CODE
<b>160</b>	<b>SOE</b> Open end with lip external gasket. Blind end with flat top.	<b>160</b>

CODE	NOMINAL LENGTH
<b>2</b>	20"
<b>4</b>	40"

Data contained in this bulletin are informative and subject to change without notice. User is responsible for determining whether the product is fit for particular purpose and suitable for User's method of application.

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