

BST-RF

solid particles removal

BST-RF filter elements are designed to remove solid particles from compressed air and gas.

- High pleated surface area
- High separation efficiency
- Low pressure drops, Energy saving
- Stainless steel metal parts
- Double O ring seal
- Color code " yellow"



BST-RF filter elements remove solid particles down to 0,1 micron. The filtering media is supported by a metal wire net to guarantee higher performance with increased mechanical resistance.

These filter elements are used downstream the adsorption dryers to remove the dusts coming from the adsorption materials itself (alumina, silica gel molecular sieves).

The pleated filtering media enhance the filtering area, lowering the pressure drops and providing a longer service life.

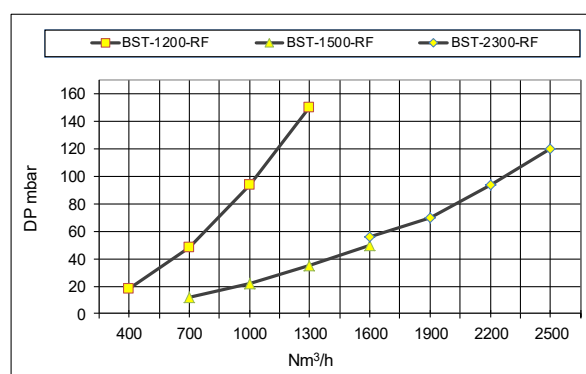
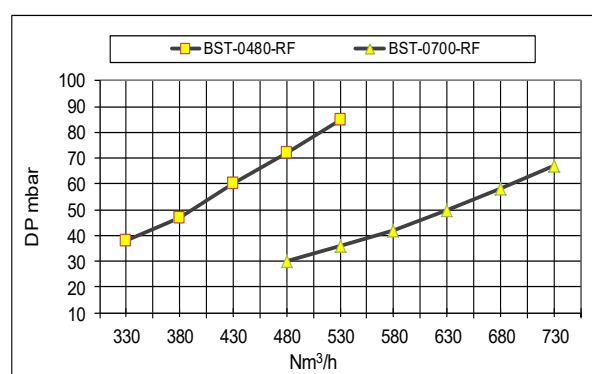
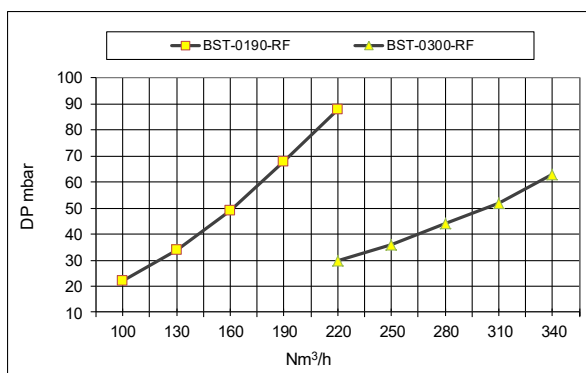
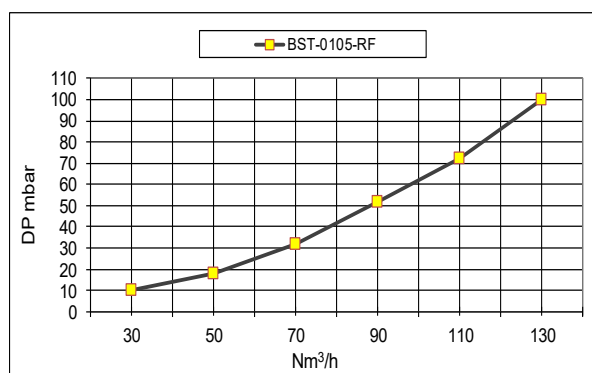
BST-RF meets the ISO 8573-1, requirements to air quality.

The performance of filter elements BST-RF is tested in accordance with ISO 12500-3 at accredited laboratories.

Characteristics	RF
Filtration rating	0,1 - 1 micron
Filtration efficiency	99,5 % ÷ 99,99 %
Air Purity Class ISO 8573-1:2010 - solid particles	Class 1
Operating temperature range	min. 1°C / max. 110° C
Max. differential pressure	3 bar
Flow Direction	Outside / Inside
Media arrangement	Pleated
Pressure drop filter change out	12 months or $\Delta P > \Delta i$ 500 mbar
Housing suitable	AIR-VIP ^{Evo} series

Technical data

Model	Filtering area	Flow rate *		Dimensions mm		Materials	
	cm ²	Nm ³ /h	NI/min	OD	length		
BST-0105-RF	600	105	1750	54	145	End caps	Tecnopolymer Color code "yellow" Stainless steel BST 1400 & BST 2200
BST-0190-RF	1100	190	3116	76	162		
BST-0300-RF	1500	300	5000	76	218		
BST-0480-RF	2200	480	8000	76	298	Metal supports	Stainless steel
BST-0700-RF	3400	700	11660	94	365		
BST-1200-RF	4300	1200	20000	94	463	Filter media	Borosilicate microfiber + Metal wire net
BST-1400-RF	5000	1400	23333	120	350		
BST-1500-RF	5000	1500	25000	115	363	Bonding	Polyurethane
BST-2200-RF	10000	2200	36666	120	700		
BST-2300-RF	10000	2200	36666	115	716	Gaskets	Buna N

Pressure drop


* Flow rates refer to air at 20°C, 1 bar abs, 0% relative humidity and compressed at 7 bar.

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.