



Keep your production safe for health

Bacteria removal filter

SFDA Series

[Quick overview](#)

Bacteria removal filter

SFDA Series



- ▶ **Blow safely in food processes** – LRV ≥ 9 bacteria capture performance
- ▶ **Avoid any impurities in the process air** – 0.01 μm nominal filtration rating
- ▶ **Save energy while maintaining the blowing force** – 500 l/min flow rate and pressure drop of 0.03 MPa

RoHS



Main features

- ▶ **LRV ≥ 9 bacteria capture performance** – ensures a 99.999999 % bacteria reduction in the outlet air.
- ▶ **Hollow fiber element with nominal filtration rating 0.01 μm** – Filtering efficiency 99.99 %

The resin and rubber parts **in contact with fluid** are made with materials **compliant to the FDA and Food Sanitation Law from Japan.**



NSF-H1 food-grade lubrication is used for the flow path.

500 l/min flow rate

- ▶ **Designed for use in applications to HACCP principles and FSSC22000 standards**

Selected part numbers

Part number	Thread type	Port size	Flow rate [l/min] (ANR)
SFDA203-02	Rc	1/4	500
SFDA203-03		3/8	
SFDA203-F02	G	1/4	
SFDA203-F03		3/8	

Applications

- Opening plastic bags or packaging for snacks and other foods
- Cleaning food, powder or dough deposits
- Blowing nitrogen into packages to prevent oxidation of food
- Mixing operations that need air for texture and smoothness
- Cooling operations for cooked or baked food.



Related products



Clean one-touch fitting for blowing systems
KP Series



Super mist separator
AME Series



Membrane air dryer, mist separator, micro mist separator
IDG□M Series



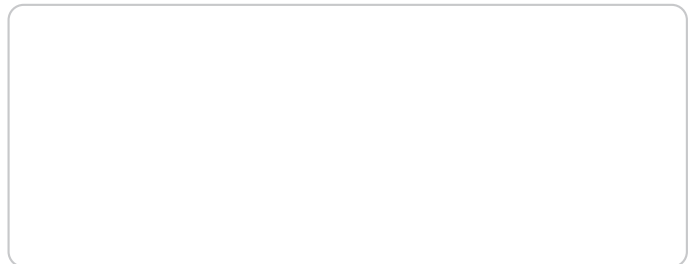
Chemical and heat resistant FEP tubing
TH Series



Expertise – Passion – Automation

SMC Corporation

Akihabara UDX 15F, 4-14-1
Sotokanda, Chiyoda-ku, Tokyo 101-0021, JAPAN
Phone: 03-5207-8249
Fax: 03-5298-5362



Austria	+43 (0)2262622800	www.smc.at	office@smc.at	Lituania	+370 5 2308118	www.smclt.lt	info@smclt.lt
Belgium	+32 (0)33551464	www.smc.be	info@smc.be	Netherlands	+31 (0)205318888	www.smc.nl	info@smc.nl
Bulgaria	+359 (0)2807670	www.smc.bg	office@smc.bg	Norway	+47 67129020	www.smc-norge.no	post@smc-norge.no
Croatia	+385 (0)13707288	www.smc.hr	office@smc.hr	Poland	+48 222119600	www.smc.pl	office@smc.pl
Czech Republic	+420 541424611	www.smc.cz	office@smc.cz	Portugal	+351 214724500	www.smc.eu	apoioclientept@smc.smces.es
Denmark	+45 70252900	www.smcdk.com	smc@smcdk.com	Romania	+40 213205111	www.smcromania.ro	smcromania@smcromania.ro
Estonia	+372 6510370	www.smcpcneumatics.ee	smc@smcpcneumatics.ee	Russia	+7 8127185445	www.smc-pneumatik.ru	info@smc-pneumatik.ru
Finland	+358 207513513	www.smc.fi	smcfi@smc.fi	Slovakia	+421 (0)413213212	www.smc.sk	office@smc.sk
France	+33 (0)164761000	www.smc-france.fr	info@smc-france.fr	Slovenia	+386 (0)73885412	www.smc.si	office@smc.si
Germany	+49 (0)61034020	www.smc.de	info@smc.de	Spain	+34 945184100	www.smc.eu	post@smc.smces.es
Greece	+30 210 2717265	www.smchellas.gr	sales@smchellas.gr	Sweden	+46 (0)86031200	www.smc.nu	post@smc.nu
Hungary	+36 23513000	www.smc.hu	office@smc.hu	Switzerland	+41 (0)523963131	www.smc.ch	info@smc.ch
Ireland	+353 (0)14039000	www.smcautomation.ie	sales@smcautomation.ie	Turkey	+90 212 489 0 440	www.smcpcnomatik.com.tr	info@smcpcnomatik.com.tr
Italy	+39 03990691	www.smcitalia.it	mailbox@smcitalia.it	UK	+44 (0)845 121 5122	www.smc.uk	sales@smc.uk
Latvia	+371 67817700	www.smc.lv	info@smc.lv				