

mdi Acufil single use filling needles for aseptic filling of liquids are designed for accurate volume filling of both mobile and viscous drug products without drip formation. These offer ready to use filling solutions both as part of complete gamma sterilized single use filling lines and as a gamma sterile individually packed components or to be used in existing filling lines.

mdi Acufil single use filling needles offers flexibility as it comes in 2 different sizes i.e 1.6 mm and 3 mm with female luer connection or hose barb connections.

Materials of Construction

Hub : Polypropylene

Needle : Stainless Steel 304

Dimensions

Needle	ID	OD	Length
SSFNXXBXXXXR101	1.6mm	2mm	100mm
SSFNXXCXXXXR101	3mm	3.5mm	100mm

Special Features

- No drip formation
- Accurate volume filling
- Available in two different internal diameters to facilitate different fill volumes
- Female luer connection and hose barb connection facilitates easy integration in filling line or systems

Applications

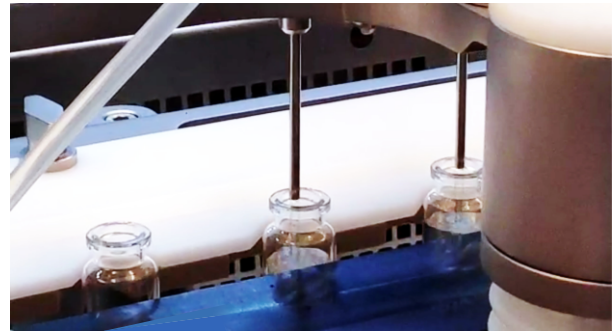
Small volume parenterals filling in pharmaceutical and biopharmaceutical manufacturing

Ordering Information

Type		XX	ID		XXX	X	Radiation Sterilizable		Sterility		Pack Size	
	Code			Code				Code		Code		Code
Acufil Filling Needle	SSFN		1.6mm	B			No	X	Non Sterile	1	1	01
			3mm	C			Yes	R				

Example

SSFN	XX	C	XXX	X	R	1	01
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Specifications

Bacterial Endotoxin

Aqueous extracts exhibit < 0.125 EU/ml as established by Limulus Amebocyte Lysate (LAL) Test

Particle Release

Complies with USP <788> test for particulate matter in injections

Extractables

Comply with USP <661> Plastic Packaging Systems and Their Materials of Construction; Physicochemical Tests for Nonvolatile Residue

Bioburden Levels

Bioburden level is < 1000 cfu/device as per ANSI/AAMI/ISO 11737-1 : 1995

Water Flow Rate

1.6mm Needle: >350ml/min @ 2.5psi

3.0mm Needle: >500ml/min @ 2.5psi