



Filling systems by ViscoTec:

- even for high-viscous and filled liquids
- accurate and high-precision ($\pm 1\%$)
- easy integration
- easy adjustment of performance according to cycle times

Tubular Bag Filling of fluids



ViscoTec has developed the perfect system for filling fluids into tubular bags, based on our precise dosing endless piston pump technology. Thanks to our longtime cooperation with tubular bag manufacturers (VFFS) we have decades of experience. Our systems are successfully used worldwide.

Material examples: Chutneys, marinades, sauces, ketchup, mayonnaise, salad dressings, soups, liquid detergent, cooling gel, liquid soap and many more

We are your competent and reliable partner in all aspects if it comes to fluid filling in tubular bags!



Reference: Merz Verpackungsmaschinen



Dosing and Filling Pump RD-hygienic



Volumetric conveying pump basing upon the endless piston principle.

- dosing unit for filling machines
- feeding pump for subsequent processes
- conveying pump from A to B
- use in barrel emptying systems
- suited for food, cosmetics and pharmaceuticals
- for low to high viscosity media
- also suited for abrasive, shear sensitive and lumpy media
- for hot and cold filling
- designed for optimal results at a CIP/SIP

Technical Data

dosing volume	0.3 ml to ∞
dosing accuracy	±1%
medium temperature	-20 to +120 °C*
maximum discharge pressure	20 bar*
maximum inlet pressure	8 bar*
shaft sealing	hygienically enclosed sterile mechanical seal
stainless steel	1.4404 (AISI 316 L)/1.4571 (AISI 316 Ti)
inside and outside e-polished	surface roughness Ra ≤ 0.8 µm
seal chamber	standard, connections G 1/4"
stator	HNBR, FDA approved
process connections	TriClamp DIN 32676
CIP port	standard
actuation	AC servo motors
control	ViscoDos 3 or frequency converter
certificates	complies with the requirements according to QHD, GMP, 3A SSI, EHEDG

*depends on material

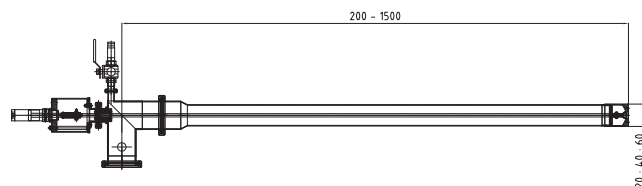
Filling Pipes



Pneumatic closable filling pipe for combining with the dosing pumps of the VFL or RD series.

Integration in vertical form, fill and seal machines or horizontal pouch machines:

- precise string cut
- suited for viscous products; also for solid loaded or lumpy media



Technical Data

functional lengths	from 200 to 1.500 mm possible
standard sizes	20, 40 and 60 mm diameter
pneumatic operated plunger	made of POM
product touching parts	made of 1.4404 (AISI 316 L) or 1.4571 (AISI 316 Ti)
process connections	TriClamp (others on request)
miscellaneous	with air bleed valve
	with pressure sensor for safe-guarding of the filling pipe
	incl. pneumatic control unit
	easy to disassemble and to clean