



Datasheet

solids – Straight Conveying Pipe

PST-Hygienic-Dry



Operating conditions:

Permissible operating pressure and permissible product temperature: depending on the coupling DVK

Bulk solids data:

Powdered till granulates, up to low hardness

Free flowing up to difficult flowing and non-sticky products

Type	DN mm	outside-Ø x wall thickness mm	inside-Ø mm	tolerance for Ø and ovality mm
PST040YD01	40	41x1,5	38	± 0,21
PST050YD01	50	53x1,5	50	± 0,27
PST065YD01	65	70x2	66	± 0,35
PST080YD01	80	85x2	81	± 0,43
PST100YD01	100	104x2	100	± 0,78
PST125YD01	125	129x2	125	± 0,97

Basical version:

According to EU regulations, directives and EHEDG guidelines

Material stainless steel 1.4306 (DIN) / 304L (AISI)

Without flanges

Pipe according to DIN EN 10357 CC outside and inside pickled and passivated, and EN 10217-7

Length: ~ 6 m

Hygienic-Dry Design, suitable for microbiological insensitive products with uncritical a_w -value, for dry processes with dry cleaning, for food, pharmaceutical, cosmetics and chemical industry

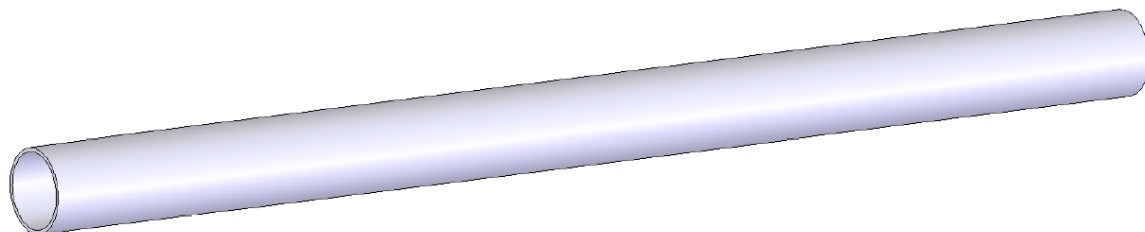
Easy dismantling, easy cleaning

Surfaces (inside): $R_a < 0,8 \mu m$, longitudinal weld $R_a < 0,8 \mu m$

Outer surface and weld area pickled and passivated

Suitable for wrap joint connection (loose part): pipe coupling type DVK

Washed, presterilized, dried, closed with covers



approval:	MIGSA	SST	H. Linder			
	Date:	Sign:	Date:	Sign:	Date:	Sign:
			6.6.2019	Le	6.6.2019	Li

Preliminary
modifications reserved



solids solutions group
www.solids.eu



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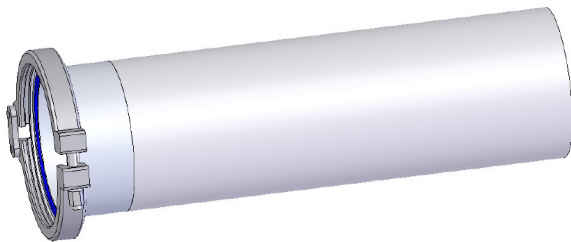
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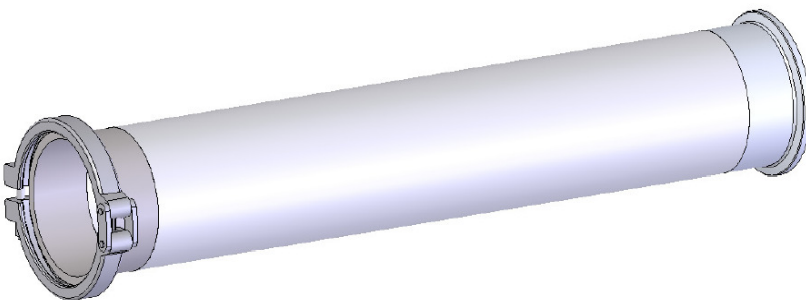


Options:

1. Pipe made of 1.4404 (DIN) / 316L (AISI)
2. Pipe made of 1.4571 (DIN) / 316Ti (AISI)
- 3.1 1 Pipe end with centering flange (radial centering) for welding, in contact with product (inside) surface quality $R_a < 0,8 \mu\text{m}$, made of stainless steel 1.4306 (DIN) / 304L (AISI), axial stop, thus defined deformation of the conical, gap-free special seals made of FDA approved material
Connecting welds: High quality orbital-welds (under forming gas) achieve with proper inertization $R_a \sim 3 \mu\text{m}$ and they will not be scattered.
1 Quick-clamping ring made of 1.4308 (DIN) / CF-8 (AISI), permissible operating pressure 3 bar
Nominal diameters only DN65, 80, 100, 125



- 3.2 As 3.1, but centering flange made of stainless steel 1.4404 (DIN) / 316L (AISI)
- 3.3 As 3.1, but centering flange made of stainless steel 1.4571 (DIN) / 316Ti (AISI)
- 4.1 At both sides pipe ends with centering flanges (radial centering) for welding, in contact with product (inside) surface quality $R_a < 0,8 \mu\text{m}$, made of stainless steel 1.4306 (DIN) / 304L (AISI), axial stop, thus defined deformation of the conical, gap-free special seals made of FDA approved material
Connecting welds: High quality orbital-welds (under forming gas) achieve with proper inertization $R_a \sim 3 \mu\text{m}$ and they will not be scattered.
1 Quick-clamping ring made of 1.4308 (DIN) / CF-8 (AISI), permissible operating pressure 3 bar
Nominal diameters only DN65, 80, 100, 125



- 4.2 As 4.1, but centering flange made of stainless steel 1.4404 (DIN) / 316L (AISI)
- 4.3 As 4.1, but centering flange made of stainless steel 1.4571 (DIN) / 316Ti (AISI)
5. Outside brushed, $R_a < 0,8 \mu\text{m}$

Related documents:

- 3D-Part: Type.step (example: **PST080YD01**. Step)
2D-planning drawing: Type.dxf (example: **PST080YD01**. dxf)
Selection criteria: SG-PST
Pricelist: PL-PST-Hygienic-Dry
Drawing numbers list: Draw-No-List PST-Hygienic-Dry



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