

# Downpipes

## The flexible system for poor-flowing and sticky bulk goods

In many industrial processes, bulk goods are distributed through downpipes. The flexible consistency of *ROWEFLEX*<sup>®</sup> downpipes avoids clogging and allows a faster product transport through downpipe systems.



Figure: Flexible flow arrangement in a PVC mixing system



### Advantages

of the *ROWEFLEX*<sup>®</sup> downpipes:

- Retrofitting options for existing systems
- Low-noise and effective use of knockers
- Fast and residue-free transport of problematic products
- Problem-free product transport also for unfavourable sliding angles
- Self-cleaning due to flexibility
- Available in ATEX version
- FDA-compliant version available

### Application areas

for *ROWEFLEX*<sup>®</sup> downpipes in industry:

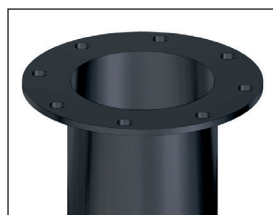
- Food products
- Feed products
- Pharmaceuticals
- Carbon black and tyres
- PVC processing
- Toxic media
- Colour pigment production
- Colour pigment processing

## ROWEFLEX® downpipes

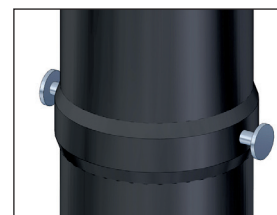


ROWEFLEX® downpipe

Sample views of additional elements and discharge aids



DIN flange



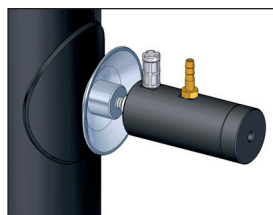
Vibration ring



Double sleeve



Lateral connector pipe



Knocker



Filling-level sensor

### Special features

- All profiles and shapes are possible
- Our production method does not create extra mould costs
- Particular design and production
- Consulting and installation on site
- Fabric reinforcements for tension and pressure strain relief are possible for many materials

### Extract from material portfolio

Standard elastomer quality of ROWEFLEX® downpipes:

ROWEFLEX® Material	Description	Colour	FDA-comp.	Electr. cond.
NK	Natural rubber	Beige	-	-
NK w	Natural rubber	White	+	-
PG	Natural rubber	Grey	-	-
CR w	Chloroprene rubber	White	+	-
CR sw	Chloroprene rubber	Black	-	+
EP sw	EPDM rubber	Black	+	+
EP w	EPDM rubber	White	+	-
NBR sw	Nitrile rubber	Black	-	+
NBR w	Nitrile rubber	White	+	-
SI	Silicone rubber	Light	+	-

We will gladly advise you with regard to the selection of the correct ROWEFLEX® materials to ensure that your products move through the ROWEFLEX® downpipes without clogging.

We recommend that you use ROWEFLEX® downpipes in combination with ROWEFLEX® squeezing devices for locking and ROWEFLEX® 2-way diverter valve for distribution.