

# BS Vertriebsbüro GmbH

*Silo-Anlagenbau - "Your specialist in silo components"*

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Flow Bow,  
Diverter Valves,  
Couplings and  
Double-Line-Pipes

- [Flow Bow](#)
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- **Couplings**
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## CONNEX-Couplings

**for economical sealing and joining of conveyor pipelines**



### Areas of application

The Pipe-Coupling System provides for the economically most favorable sealing and joining of conveyor pipelines.

Conveyor pipelines for the pneumatic conveying of bulk materials are subject to heavy wear.

Flanged joints, with their seals and off-center construction, create turbulence and thus added wear.

The pipe couplings center the pipes offset- and vortex-free and the interior gaskets seal the pipeline tightly. An inlaid stainless steel tape assures potential equalization against the build-up of static electricity.

### Operation

The conveyor pipes are centered, fitted and spot-welded together. The welding points are sanded flat. The interlocking gasket of the CONNEX coupling is laid around the pipe joint and pressed together to be pressure-tight with the screwed-on outer coupling casing. The interlocking rubber gaskets, with their different specifications, guarantee enduring gas- and dust-tight joints.

### Material/design

Outer casing: Galvanized sheet steel or aluminium

Gasket: Neoprene

Stainless steel tape against electrostatic build-up

### Heavy duty CONNEX Coupling

A product addition is available with the CONNEX coupling with EXTENSION ARM which increases the possible mechanical stress the coupling can be subjected to.

### Advantages

- Perfectly centered pipeline joints
- Wear-reducing joints
- Economical joints as only spot welding is required
- More economical joining due to reduced costs for joint components and welding operations



Standard couplings can also be exchanged at any time against CONNEX couplings with EXTENSION ARM.

### DIMENSION TABLE CONNEX-Couplings

| pipe outside diameter<br>(mm) | CONNEX-Coupling length<br>(mm) | Number of<br>screws |
|-------------------------------|--------------------------------|---------------------|
| 38,1                          | 100                            | 2                   |
| 38,1                          | 150                            | 3                   |
| 48,3                          | 100                            | 2                   |
| 48,3                          | 150                            | 3                   |

|       |     |   |
|-------|-----|---|
| 50,0  | 100 | 3 |
| 54,0  | 100 | 2 |
| 54,0  | 150 | 3 |
| 60,3  | 150 | 3 |
| 70,0  | 150 | 3 |
| 76,1  | 150 | 3 |
| 82,5  | 150 | 3 |
| 88,9  | 150 | 3 |
| 88,9  | 200 | 4 |
| 95,0  | 150 | 3 |
| 95,0  | 200 | 4 |
| 101,6 | 150 | 3 |
| 101,6 | 200 | 4 |
| 108,0 | 150 | 3 |
| 108,0 | 200 | 4 |
| 114,3 | 150 | 3 |
| 114,3 | 200 | 4 |
| 127,0 | 150 | 3 |
| 133,0 | 150 | 3 |
| 133,0 | 200 | 4 |
| 139,7 | 150 | 3 |
| 152,4 | 150 | 3 |
| 159,0 | 150 | 3 |
| 168,3 | 150 | 3 |
| 168,3 | 200 | 4 |
| 193,7 | 150 | 3 |
| 203,0 | 150 | 3 |
| 219,1 | 200 | 4 |
| 250,0 | 150 | 3 |

**Additional sizes, models and coupling lengths on request.**

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