

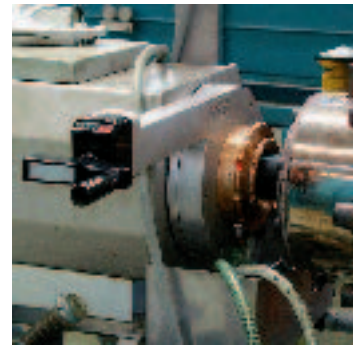
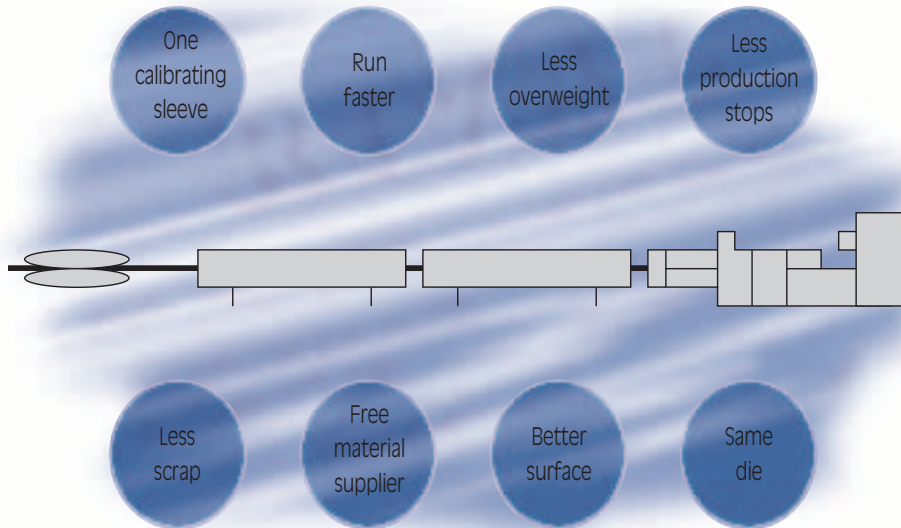
RIVAL[®] adjustable calibrating sleeve



Production Optimisation

The purpose of investing in a RIVAL® adjustable calibrating sleeve is to optimise pipe production.

The RIVAL® adjustable calibrating sleeve brings the pipe manufacturer the following high profitable benefits:

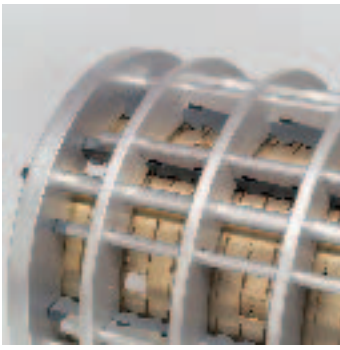


“Raw materials vary more today than before. The RIVAL® adjustable calibrating sleeve compensates for the variations in the specific shrinkage percentages.”



“The RIVAL® adjustable calibrating sleeve reduced maintenance costs.”

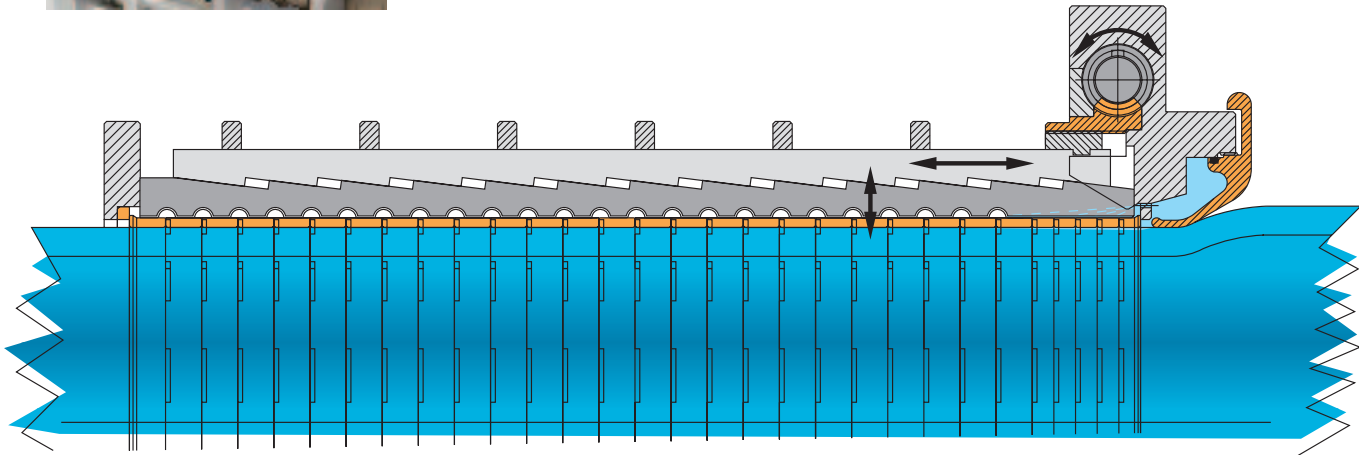
“Start-up time in connection with production changes will be dramatically reduced.”



The Principle

The RIVAL® adjustable calibrating sleeve enables pipe manufacturers to adjust the calibration during production and thereby makes it possible to produce pipes in the most economical way, as fast as possible and of course in the absolute best possible quality.

The principle is as follows:



The principle as such ensures stable, accurate calibration through the entire length of the calibrating sleeve.

“Only one adjustable calibrating sleeve for each pipe diameter.”

“It is much easier to adjust the calibrating sleeve than to adjust the vacuum level or other production parameters to keep within pipe tolerances.”

“The RIVAL® adjustable calibrating sleeve brings a new parameter for optimising the production.”



Adjusting Area

| RIVAL® adjustable calibrating sleeve | | | | | |
|--------------------------------------|----------------|-----------------|-----------------|-------------------|-------------|
| Standard dimensions | | PE and PP | PVC | | |
| Model | Pipe Size (mm) | Adjustment area | Adjustment area | Included | Weight (kg) |
| A | 32 | 33.1 – 34.2 | 30.0 – 31.1 | Motor is optional | 12 |
| A | 40 | 41.2 – 42.6 | 40.0 – 41.4 | Motor is optional | 13 |
| A | 50 | 51.2 – 52.9 | 50.0 – 51.7 | Motor is optional | 13 |
| A | 63 | 64.6 – 66.7 | 60.0 – 62.1 | Motor is optional | 14 |
| A | 75 | 76.9 – 79.4 | 75.0 – 77.5 | Motor is optional | 16 |
| B | 90 | 92.5 – 95.5 | 90.0 – 93.0 | Motor is optional | 24 |
| B | 110 | 111.9 – 115.6 | 110.0 – 113.7 | Motor is optional | 25 |
| B | 125 | 127.0 – 131.3 | 125.0 – 129.3 | Motor is optional | 25 |
| B | 140 | 142.2 – 146.8 | 140.0 – 144.0 | Motor is optional | 27 |
| B | 160 | 162.9 – 168.2 | 160.0 – 165.3 | Motor is optional | 28 |
| C | 180 | 183.0 – 188.9 | 180.0 – 185.9 | Motor | 64 |
| C | 200 | 203.2 – 209.7 | 200.0 – 206.5 | Motor | 69 |
| C | 225 | 228.4 – 235.7 | 225.0 – 232.3 | Motor | 72 |
| C | 250 | 253.8 – 261.9 | 250.0 – 258.1 | Motor | 75 |
| D | 280 | 284.4 – 293.1 | 280.0 – 288.9 | Motor | 112 |
| D | 315 | 319.8 – 329.9 | 315.0 – 325.1 | Motor | 120 |
| E | 355 | 360.4 – 371.8 | 355.0 – 366.4 | Motor | 163 |
| E | 400 | 406.1 – 418.9 | 400.0 – 412.8 | Motor | 170 |
| F | 450 | 456.8 – 471.2 | 450.0 – 464.8 | Motor | 215 |
| F | 500 | 507.5 – 523.5 | 500.0 – 516.0 | Motor | 220 |
| G | 560 | 568.5 – 586.3 | 560.0 – 577.8 | Motor | 270 |
| G | 630 | 639.5 – 659.6 | 630.0 – 650.1 | Motor | 280 |

References



Today the RIVAL® adjustable calibrating sleeve is sold all over the world. The following is a list of some of our many international references.

| | | | |
|------------|---------------------------------------|----------------|--------------|
| Uponsor: | Finland, Sweden, UK, Ireland | Reboca | Spain |
| Wavin: | Denmark, Sweden, Holland, UK, Ireland | Amidex | RSA |
| PipeLife: | Finland, Estonia | Deriplast: | Italy |
| KWH: | Denmark, Finland, Poland | Idrotherm: | Italy |
| Rehau: | Germany, France | UniDelta: | Italy |
| Polypipe: | UK | Picenum: | Italy |
| Ege Plast: | Turkey | Sirea: | Italy |
| Dizayn: | Turkey | Valrom: | Rumania |
| Simona: | Germany | Agru: | Austria |
| Vogelsang: | Germany | Amiantit PPS: | Saudi Arabia |
| Schöngen: | Germany | Al Wassel Ir.: | Saudi Arabia |
| Palaplast: | Greece | United Gulf: | Egypt |
| Stamatiou: | Greece | Ab-Hayat: | Iran |