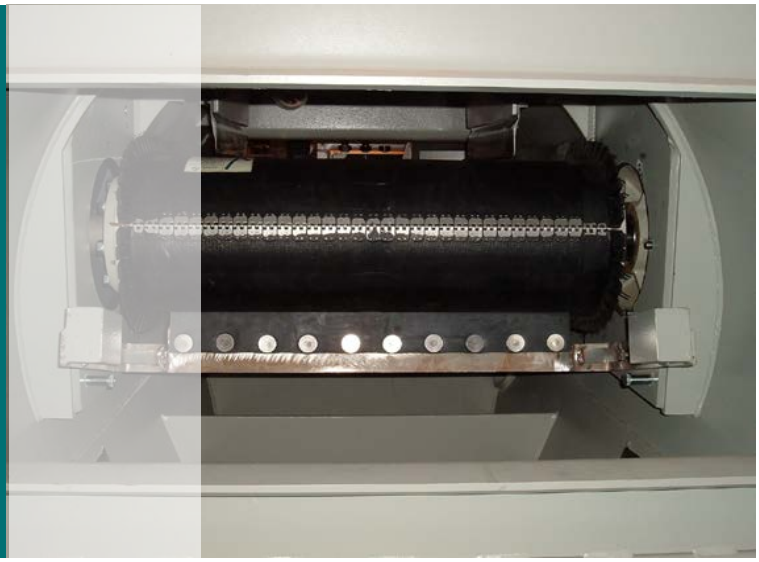
AccuFlex™ Belt

High performance, accurate and durable

- **Three year guarentee**
- **Flexibility and uniformity provide unmatched accuracy**
- **Equal in strength to two ply belting**
- **Patented recessed metal splice**
- **Strength at the splice is comparable to that of the belt body**
- **Molded V-guide and automatic tensioning feature maintains proper belt tracking and alignment**
- **Molded siped curbs minimize spillage**



Coperion is the brand name known for gravimetric feeding and bulk material handling in the Power industry since 1929. To date, we have over 18,000 Coperion feeders installed over the world.

AccuFlex™ is a patented, mechanically spliced, single ply, flexible feeder belt that provides the best possible performance to transfer the absolute weight of the material being transported to the weighing system. The Accuflex™ design is unequaled. Its unique single ply belting and splice have the strength of a two-ply belt that can be easily installed. The molded V-guide has an automatic feature that maintains proper belt tracking. The molded, siped belt curbs minimize feeder fuel spillage.

AccuFlex™ Belt provides the highest possible level of performance for belt feeders. Belt feeder accuracy requires consistent and complete transfer of the material being transported to the weighing system in spite of variations in temperature, tension and time. The unique single-ply belting, molded curbs and V-guide of the AccuFlex™ belt are simultaneously cured into one integral part. This provides unequaled flexibility and uniformity which results in feeding accuracy.

The Coperion gravimetric feeder controls the flow of fuel into boilers. Therefore, the operations of the feeder directly affect the performance of the boiler. For example, the efficiency and the cost of operating coal fed boilers depends on the design, condition and maintenance of the coal feeders.

Our AccuFlex™ belt was developed by a research staff in the full scale testing facility at Coperion. Actual material tests proved that belt characteristics affected the feeder weighing accuracy. Researchers also found that the industry standard belting was sorely lacking when it was expected to remain conveying while not influencing the feeder weighing accuracy. Typical industry splices appeared as huge eruptions to the load cells when crossing the delicate weigh span of the feeder. The inflexibility of the industry belts made them appear solid compared to the flexibility needed to deliver fuel accurately.

Belt flexibility is one of the most important factors in achieving feeder accuracy. A flexible belt will lay flat on the weighing system. The AccuFlex™ belt is a single ply belt that is very flexible and strong, yet equal in strength to typical two-ply belting.

The AccuFlex™ belt has uniform weight and a patented recessed metal splice. The largest cause for failure of the typical belt is damage to the splice or the mechanical fastening system. The AccuFlex™ belt provides strength at the splice comparable to the strength of the belt body.

Belts seldom wear out. They are more often damaged by tramp or oversize materials jamming in the feed system or by belt mis-tracking. Coperion molded V-guide tracking system has an automatic tensioning feature that maintains proper belt tracking.

A major advantage of the AccuFlex™ belt is that it can be replaced without taking the feeder apart because it is a spliced belt. A continuous belt typically requires eight man-hours to install while the AccuFlex™ belt installs in less than one man-hour.

Three-Year Guarantee
Replacement of any AccuFlex™ belt up to three years from date of shipment if the splice fails under normal use. Guaranteed replacement of any AccuFlex™ belt for two years from date of shipment if that belt proves to be defective under normal use. Damage caused by belt mistracking, over tensioning or by tramp materials is excluded.

Molded V-guide maintains proper belt tracking and alignment

Molded sipped curves minimize fuel spillage

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