



Customer : Supplier of pneumatic conveyor, injection and filtration
Product group : Industrial Hoses and Couplings
Market : Primary industry (Steel)
Application : Coke supply hose for blast furnace

ERIKS DESIGNS A COKE SUPPLY HOSE AND MEETS TOUGH REQUIREMENTS

High pressure, coke particle supply hose for blast furnace



CUSTOMER PROFILE

A large pneumatic conveyor, injection and filtration supplier to the iron, steel, gypsum and cement producing industries.

CHALLENGE

The customer was designing a coke particle high pressure supply hose to fuel a blast furnace in a steelworks. The hose had to be flexible, yet able to resist the abrasiveness of fragmented coke particles at high pressures as well as prevent any tampering or damage to the exterior of the hose.

SOLUTION

ERIKS used specialistic know-how to design and manufacture a flexible hydraulic hose. The hose, with internal steel wire reinforcement, is lined with inter-connecting heat treated hardened steel inserts and end connectors. This allows the hose the flexibility needed, yet it can still withstand highly abrasive substances right through the hose and end connections to the adjoining pipe work.

OTHER BENEFITS

- An innovative solution was delivered to satisfy the needs of the steelworks

FURTHER COMMENTS

ERIKS' expertise and product know-how ensured a suitable solution was delivered to meet the needs of the customer.