



Transvaal Rubber Group



Truco manufactures and supplies a range of hand-built hoses for the dredge, underground and open cast mining and industrial sectors. We are the largest hand-built hose manufacturer in Africa and our hoses are custom-designed to meet clients' requirements.

Pulp and Slurry Hoses - Mining & Industrial



Pulp and Slurry Hoses

Truco Pulp and Slurry Hoses are available in hard wall and soft wall and are manufactured to withstand suction and delivery of typical materials such as coal, copper, iron, phosphate concentrates, limestone, lead, zinc, nickel, bauxite and mineral sands. Truco's large diameter Pulp and Slurry Hoses are constructed with UV- and weather-resistant outer covers.

- Working pressure: up to 4 000 kPa
- Operating temperature: -20 to 150° C
- Nominal bore sizes: from 25 to 1 000 mm in diameter
- Available up to 20 m rolls



Dredger Rubber Hoses

Truco supplies all the major dredge mining operations in Africa with high-quality, heavy-duty dredge hoses. These hoses are available with a variety of inner wear liners and liner thicknesses dependent on the dredging conditions. The dredger hoses are designed to limit elongation and dilation from 0% to 2% under design working pressure.

- Dredge hose flange configurations include a D-ring (beaded ring) and / or a Truco double-laminated flange
- Truco dredge hoses are available with a two-piece LDPE hose flotation system
- Pressure rating up to 2 000 kPa (with a 4:1 safety factor)
- Inner bore sizes up to 1 200 mm in diameter



Pinch Valve Sleeves

Truco Pinch Valve Sleeves are manufactured to fit all types of pinch valves including polyester and steel cord reinforced types from 25 to 500 mm in diameter. Utilising over 120 years of rubber expertise, Truco can design sleeves to fit your pinch valve requirements, and our experts provide advice on the rubber type best suited to your application, which include abrasive-resistant NR, NBR, EPDM and Butyl.

Chamdor
Tel: +27 11 762 5291
Email: sales@truco.co.za

Crown Mines
Tel: + 27 11 839 2370
Email: sales@truco.co.za

Conveyors
Tel: +27 11 762 5291
Email: belting@truco.co.za

Truco KZN
Tel: +27 31 700 5227
Email: trucokzn@iafrica.com

Table Bay
Tel: +27 21 510 5065
Email: sales@tbrco.co.za



Truco Aluminium Split Flange Couplings

Truco aluminium couplings are reusable and are manufactured to suit a range of hard wall pulp and slurry hoses. The split flange coupling is designed for pressures of up to 1 000 kPa and is ideal for connecting hose-to-hose, hose-to-steel pipe or hose-to-HDPE pipe.

- Hoses can be cut to desired length and flanged onsite, eliminating unnecessary stockholding
- Onsite flanging with split flange couplings reduces operational downtime
- Split flange couplings are available for hoses from 76 to 560 mm in diameter
- Split flange couplings are drilled to suit customer requirements

Composition

The Truco split flange coupling is cast from a high-grade corrosion-resistant aluminium alloy. The coupling consists of two halves with an internal helical impression which corresponds to the corrugation on the rubber hose cover.

The couplings are designed for fast simple fitting and do not require any special tools. When the hose requires replacing, the Truco split flange coupling can be reused.

- Cast from a high-grade LM06 H/S, corrosion-resistant aluminium alloy
- Warrantied for 60 000 hours of operation
- Fitted with anti-seize bearings for extended service life

Assembly instructions

1. Measure the required hose length and mark the cutting point. Cut the hose using a thin, sharp knife. Adding a small amount of water to the cutting area will aid the cutting procedure. Once cut through, bend the hose apart and pull a portion of the steel wire spiral out of the hose carcass. Cut the exposed wire with a bolt cutter or hacksaw, ensuring that the cut end is covered by rubber.
2. Fit the Truco split flange coupling halves on the hose so that the helical impression matches the hose corrugation and the hose end projects 2 to 3 mm beyond the coupling. Bolt the flanged halves together firmly (to a maximum opening of approximately 2 mm between the halves).
3. Trim the hose to be flush with the flanges.
4. A Truco split flange ring gasket must now be placed between the split flange coupling and mating flange. The gasket is made of soft rubber to compensate for unevenness in the hose end surface, preventing any possible leakage.

