

MINING HOSE AND RUBBER-LINED STEEL PIPE



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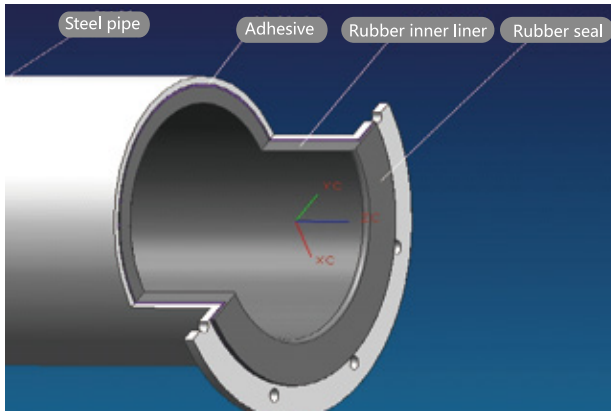
Mining hoses and rubber-lined steel pipes are the two series of products that Naipu manufactures to be used in abrasion and corrosion resistant pipeline systems for transferring mining slurries, tailings and the like.



MINING HOSE AND RUBBER-LINED STEEL PIPE

• CONSTRUCTION OF RUBBER-LINED STEEL PIPE

Rubber-lined steel pipes make use of ordinary steel pipes as their skeletons while imported rubber with excellent properties of abrasion and corrosion resistance and heat resistance is lined internally, both of which are combined with high performance adhesives through special technology. With combined merits of steel pipes and rubber materials, this type of composite pipes becomes a top option in transferring systems in modern mining operations.



• PERFORMANCE AND FEATURE OF RUBBER-LINED STEEL PIPE

1. Wide range of application.
2. Super high impact resistance
3. High abrasion resistance
4. Good corrosion resistance
5. Long service life
6. Reusable
7. Easy mounting and maintenance



• A QUICK REFERENCE LIST OF RUBBER-LINED STEEL PIPES

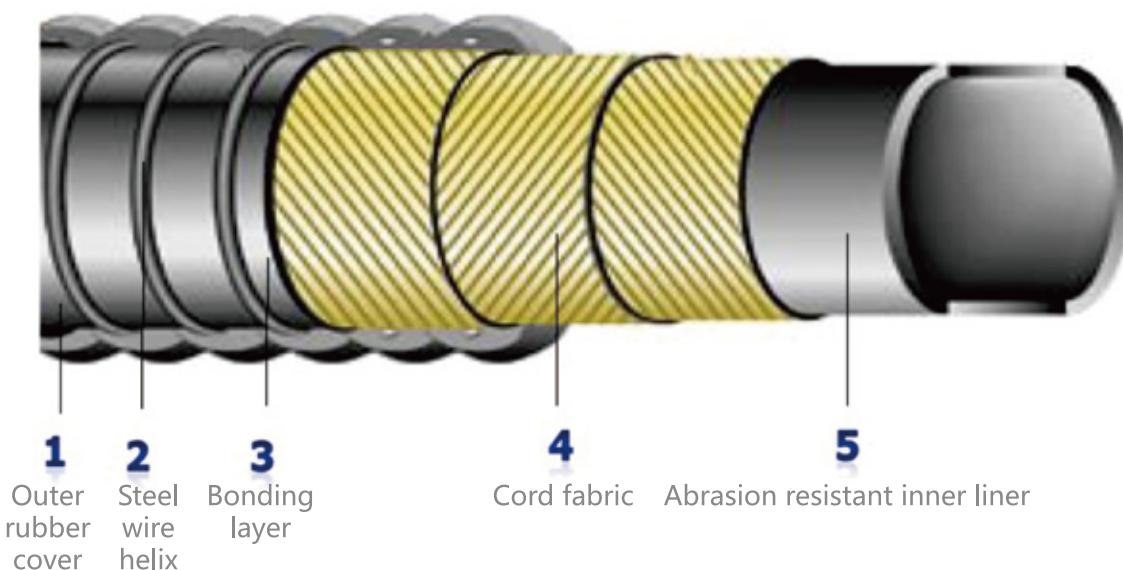
1. Sino Iron, CITIC Pacific Mining, WA, Australia: Ø50mm - Ø900mm rubber-lined steel pipes
2. Yunnan Jinding Zinc Industry Co., Ltd, China: Ø219mm, Ø235mm, Ø273mm, Ø325mm rubber-lined steel pipes
3. Yinshan Cu Concentrator, JCC, China: Ø480mm rubber-lined steel pipes, expansion joints, elbows
4. Dashan Concentrator, Dexing Copper, JCC, China: Ø529mm rubber-lined steel pipes, elbows, spools
5. Erdenet Mine, EMC, Mongolia: Ø1220mm rubber-lined steel pipes



Rubber-lined steel pipes used on site

● CONSTRUCTION OF MINING RUBBER HOSE

Mining slurry rubber hose is compositely structured with multi-layer rubber and steel wire skeleton and non-metal reinforcement layers through special technology. The innermost wear layer is made of premium natural rubber emulsion treated with nano compounds and liquid-phase technology, and is resistant to slurry abrasion. Naipu designs and develops a variety of special shaped spools to suit demands of special operating conditions.



● PERFORMANCE AND FEATURE OF MINING RUBBER HOSE

1. Good reelability, impact resistance.
2. High abrasion and corrosion resistance, ageing resistance.
3. Wide range of temperature, from -50 ~ 95°C.
4. Anti-static pressure, high tensile strength
5. Slow scaling, energy-saving, easy mounting



● A QUICK REFERENCE LIST OF MINING RUBBER HOSES

1. Sino Iron, CITIC Pacific Mining, WA, Australia: Ø250mm, Ø350mm, Ø650mm hoses
2. Uzbekistan Project, Russian Heavy Industries, Uzbekistan: Ø450mm hoses and spools
3. Erdenet Mine, EMC, Mongolia: Ø600mm hoses and elbows
4. Yinshan Copper Concentrator, JCC, China: Ø450mm hoses in straight and in bend
5. Dashan Concentrator, Dexing Copper, JCC, China: Ø500mm, Ø800mm hoses and elbows



Mining hoses used on site