RUBBER BEND COMPOSIT

USED AS A PART OF THE FLANGED FLEXIBLE SLURRY HOSE SYSTEM COMPOSIT AND DESIGNED TO CHANGE THE SLURRY FLOW DIRECTION IN THE HOSE LINE

DESCRIPTION

Wear-resistant part of the bend is made of natural or synthetic rubber depending on the transported material. A frame structure is made of fabric and metal provides durability of a bend and uniform distribution of internal stresses. The embedded steel element provides a secure and tight connection, and the outer rubber layer protects the hose from mechanical, chemical and natural influences. To increase the lifetime the thickness of the outer wall of the bend is increased for 30% compared with the inside.

ADVANTAGES

The application of the rubber bends COMPOSIT factors into the significant economic and operational benefit, e.g.:

- the wear-resistance is up to 3-5 times higher in comparison to metal bends;
- decreased PPM expenditures due to the enhanced internal wear-resistant liner.

RUBBER EXPANSION JOINT COMPOSIT

USED TO COMPENSATE TEMPERATURE AND LINEAR EXPANSION AND PROTECT THE UNITS AND ASSEMBLIES FROM VIBRATION PRODUCED BY THE OPERATING EQUIPMENT

DESCRIPTION

A frame structure of the rubber expansion joint COMPOSIT has a triple safety margin. It is made of cord fabric that provides enhanced durability of the joint and the uniform distribution of internal stresses. The wear-resistant inner liner is made of synthetic rubber.

ADVANTAGES

- threefold safety margin
- extra-flexibility
- enhanced wear-resistance
- lack of creases in use
- economic & operational benefit
- no hydraulic loss
- rapid and easy installation