

FLEXIBLE SLURRY HOSE SYSTEM COMPOSIT WITH EMBEDDED FLANGE

IS DESIGNED FOR ABRASIVE MATERIALS' HYDRO- / PNEUMO- HANDLING AT SUCTION AND PRESSURE LINES IN MINING AND CHEMICAL INDUSTRIES, POWER PLANTS, STEEL INDUSTRY, AND WHEREVER HIGH WEAR-RESISTANCE REQUIRED

FLEXIBLE SLURRY HOSE COMPOSIT WITH EMBEDDED FLANGE

IS A PART OF THE FLANGED FLEXIBLE SLURRY HOSE SYSTEM COMPOSIT. IT IS DESIGNED FOR SLURRY AND ABRASIVE MATERIALS' HANDLING AT SUCTION AND PRESSURE LINES. IT IS FUNCTIONAL IN THE CONDITIONS OF FRIGID AND TEMPERATURE CLIMATE, FOR ACID- AND ALCALI-BASED SUBSTANCES OF WEAK CONCENTRATION

DESCRIPTION

Flexible slurry hose system COMPOSIT with embedded flange consists of flanged rubber hoses COMPOSIT and can be equipped with the wide variety of rubber bends, adaptors and rubberized steel products.

INSTALLATION

The installation activities to be executed as per the drafted tracing of relative process equipment hosing or to be mounted onto the target locations.

ADVANTAGES

The application of the flexible slurry hose system COMPOSIT with embedded flange factors into significant economic and operational benefit, e.g.:

- easy installation and dismantling in hard-to-reach places at mining and process environments;
- turnkey projects' completeness as per the drafted tracings at the processing facilities;
- decreased PPM expenditures due to the enhanced internal wear-resistant liner;
- high reliability and durability of the flanged connection.

DESCRIPTION

Flexible slurry hose Composit with embedded flange provides a more reliable and tight connection in comparison with a coupling connection.

A frame structure of this hose COMPOSIT is made of cord fabrics and embedded steel element that provides durability of a hose and uniform distribution of internal stresses. The reinforced execution of rubber pressure hoses allow to use them at high pressures. It provides the antivacuum phenomenon, resistance to temperature and natural influences and other factors which hoses are exposed during operation.

A wear-resistant inner part of the flexible slurry hose COMPOSIT with embedded flange

is made of natural or synthetic rubber depending on the transported material. The external rubber layer protects the hose from mechanical, chemical and environmental effects.

INSTALLATION

The hoses are produced of the required length and are connected via fasteners (bolts and nuts) onto the pre-laid lodgment.

ADVANTAGES

- bending radius allows to use hoses in the conditions of limited space;
- high resistance to abrasion;
- application at the areas with working pressure above 1.0 MPa