

KANTAFLEX® DREDGE SUCTION & DISCHARGE HOSE

A good quality Dredge Hose is always in demand for better suction & discharge applications. Since the hose is made of rubber, it resists wear and tear occurring on the hoses. Different types of rubbers are good for different applications and a thorough study of the equipment and working condition is important to determine the correct type of rubber that can be recommended for a particular application. Similarly, Dredge hoses undergo a variety of tests before these can be accepted for use in a particular application.

Dredge Hose is often used in connection with steel pipes or HDPE pipes. The suitable conveyance matters are usually mud, clay, fine sand, fine-mid sand and so on.



SUCTION TYPE DREDGE HOSE



DREDGE HOSE FOR NATIONAL INSTITUTE OF OCEAN TECHNOLOGY



DISCHARGE TYPE DREDGE HOSE

At **KRPL**, detailed studies are conducted on different types of dredge & other hoses to ensure their long and useful working life.

Kantaflex® Hoses are the best choice for reclamation and dredging works at harbors, rivers and seas. The dredging industry demands higher efficiency and bigger capacity as the scale of reclamation and dredging works has become much larger and discharge lines of such works have become much longer. Dredging hoses and seals today face extremely severe service conditions.

KRPL has developed dredging hoses to withstand such severe conditions with our advanced technologies and rich experiences in the polymer industry.

We are engaged in offering an extensive range of Dredge suction & discharge hoses for floating pipe lines. These hoses are provided with rubber lined MS flanges at both ends that make our range suitable for working pressure of 2 kg/cm² to 15 kg/cm². Our range can also be developed as per clients requirements and can be offered in the size ranging from DN 50 to DN 400 in maximum lengths of 15 mtrs. and upto DN 1000 in maximum lengths of 6 mtrs.

Kantaflex® hoses are equipped with all the different types of flanges. It is available in the required sizes and the maximum burst pressure can be up to 75 kg./cm².



DREDGE HOSE UNDER HYDROSTATIC TESTING

STRUCTURE OF THE HOSES:

- **Inner rubber liner** : Composed of wear-proof and blend of natural rubber and synthetic rubber
- **Reinforcement layer** : composed of high strength rubberized chemical fiber and reinforced by spiral metal wire.
- **Cover** : Composed of natural rubber and synthetic rubber.
- **Surface** : Takes the shape of corrugated or plain as required.

FEATURES

- ◆ **WORKING TEMPERATURE: -20°C TO +50°C**
- ◆ **EXCELLENT ABRASION-RESISTANT AND BENDING RESISTANT**
- ◆ **CONVENIENT TO INSTALL**
- ◆ **PREVENT AGEING PERFORMANCE**
- ◆ **FLEXIBLE AND SAFE TO USE**