



Mining Applications Demand Robust Hose Design

Mining operations can expose hoses to abrasive materials, pressure changes, movement and difficult environmental conditions. The [mining hose](#) should be selected around the actual duty and conveyed material. Flexible piping must therefore be selected around the actual service rather than treated as a generic component. Pacific Flow Technology manufactures for slurry transfer, tailings, dewatering, dredging and mineral processing applications.

Abrasion Is a Major Consideration

When a hose carries abrasive slurry, the internal liner can determine how effectively it withstands wear. The **mining hose** should be selected around the actual duty and conveyed material. Pacific Flow Technology uses Abrasatech compounds across its material handling hose range and offers alternatives for different slurry characteristics. This approach allows liner selection to reflect the material being conveyed.

Hard-Wall and Soft-Wall Options

Different hose constructions are suited to different duties. The **mining hose** should be selected around the actual duty and conveyed material. Pacific Flow Technology's Abrasor X10-Series is designed for suction and discharge applications, while its X20-Series soft-wall product is intended for flexible discharge service where vacuum resistance is not required. Understanding the duty is essential before choosing a construction.

Flexibility Supports Difficult Routes

Flexible hose can help bridge gaps between rigid pipework and accommodate movement

around pumps and equipment. The **mining hose** should be selected around the actual duty and conveyed material. Pacific Flow Technology also manufactures preformed bends and reducing hose for installations where a straight length does not provide the required geometry. These options can help address space and routing constraints.

Connections Influence Installation

Flanged, Victaulic, threaded, cuffed and other connection arrangements can be selected according to the pipeline and maintenance requirements. The **mining hose** should be selected around the actual duty and conveyed material. Pacific Flow Technology offers custom connection patterns and multiple end configurations across its range. Confirming these details early can simplify installation and future replacement.

Performance Starts With Correct Selection

Factors such as hose diameter, length, pressure, material conveyed, temperature and end connections should be established before ordering. Pacific Flow Technology identifies these details as important information for a quote. Supplying complete application information helps the manufacturer recommend a suitable construction.

A Hose Built Around the Application

The best flexible piping solution is not necessarily the same for every mining site. Pacific Flow Technology manufactures multiple constructions and provides technical support to match products to operating conditions. Considering wear, flexibility, pressure, vacuum and connection requirements together creates a stronger basis for product selection.

Documentation can be particularly valuable on projects where hoses form part of a larger process system. Recording dimensions, end connections, pressure requirements and the conveyed material creates a reference for future maintenance and replacement. Where a custom assembly is supplied, keeping the original specification can reduce uncertainty when another section is required later. Pacific Flow Technology's custom manufacturing capability means that project teams can specify non-standard lengths, connection patterns and configurations where necessary. Combining this technical information with practical site records can support more consistent procurement and help maintenance teams identify the correct replacement without relying only on visual comparison. Site conditions can change throughout a

project, particularly when pumps are relocated or temporary lines are extended. A hose specification that works in one position may need different length or connection arrangements in another.