



# Mining Hoses





## Slurry King Hose

The tough, versatile alternative to inflexible, cumbersome steel tubing. The easy handling and reusable quick-fastening flange system makes installation a snap. Absorbs system vibration and saves wear on equipment.

Compensates for thermal expansion and contraction, reducing noise.

- Available with many inner tube compounds to meet specific material handling needs.
- Flexible connection for hard piping misalignment.
- Can be cut on site for immediate installation.
- No welding necessary.



*Novaflex rubber material hoses can be custom made with different tube compounds on request.*

All products are warranted to be free from all defects in material and workmanship. It is impossible to test all products under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users' responsibility to test all products under the conditions that duplicate the service conditions prior to installation. All improvements, all specifications are subject to change without prior notice. It is the buyer and/or end users' responsibility to review our complete **Terms and Conditions of Sale** located on our web sites at: [www.novaflex.com](http://www.novaflex.com) / [www.z-flex.com](http://www.z-flex.com) / [www.flexmaster.com](http://www.flexmaster.com).

For proper hose care use and maintenance: See NovaFlex® Correct Care and Maintenance Guide form no 2003-1 (also at: [www.novaflex.com](http://www.novaflex.com)).

# NovaFlex® Mining Hoses

## Custom Material Handling Hose

Maximum abrasion resistance for longer hose life  
Custom compounds  
Unlimited end configurations  
Large diameters up to 36".



## Gimball Hose

Hose is built with a smooth or corrugated cover, the plies of reinforcement are uniform through the hose. Special helix rings are built into the carcass. This provides extra flexibility due to a flex point engineered between each helix ring.



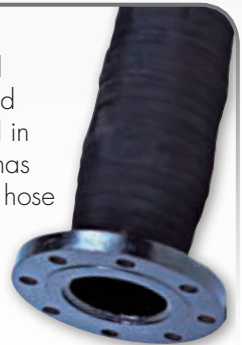
## Custom Expansion Joints & Connectors

Connectors are custom made to meet individual requirements. Full faced flanged by beaded end. Available in many polymers. Non standard and unusual sizes also available.



## Steel Nipple

Built-in steel nipples with either fixed or floating flanges. The strongest end connection design that can be used in higher pressure hoses. This design has the hose tube butted up against the hose nipple end, and continued over the built-in nipple. This type end is used where the media conveyed is not damaging to the steel connections.



## NovaLok and NovaBead Ends

A special angled buildup of the hose end designed to provide a rubber to rubber seal. This type of hose end uses metal back-up rings (150# drilling) to fit the angle of the built up area and are used to pull beaded end tight to its connection, forming a good seal.



## Rubber Lined Built-In Nipple

Built-in steel nipples with either fixed or floating flanges. The strongest end connection design can be used in higher pressure hoses. In this design the hose tube fits over the nipple and covers the flanges with the same abrasive resistant compound for longer wear. This style end is used where the media conveyed may be damaging to the steel connections.



## Victaulic End

Specially designed hose for use in slurry applications where it is necessary to attach to an existing grooved piping. The compound used in the tube covers the grooved ends for longer wear.



## Material Handling Hose

NovaFlex Hose offers a wide range of Material Handling, Slurry and Oil Sand Transfer Hoses up to 36" in diameter.



# Choice of Wear Resistant Material

The choice of the tube compound (wear material) is dependent on the elements of the application.

Compounds are uniquely formulated to resist abrasion, cutting, ripping and other elements of wear. NovaFlex® utilizes the tube compounds most suited to the abrasion resistance requirements of the application being engineered.

Typically, flexible material transfer hoses are designed for applications that require the adaptability to overcome bends, offsets, misalignments, expansion or contraction and vibration.

Applications with bends are particularly demanding. It is important to note that the larger the bend radius engineered into a wear application, the greater the service life of the hose.

Hose wear is always on the outside radius of the hose bend. The greater the bend, the lower the angle of impact; therefore the lower the wear.

To reduce wear, the optimum bend radius is ten times the inside diameter of the hose.

## Compound Recommended Service

NovaWear-TG	Very good abrasion, excellent cut and gouge resistance. Very good dry /very good wet non oily material transfer, large to small sharp material transfer
NovaWear-WG	Very good abrasion resistance, good cut resistance for transfer of abrasive non oily food grade products, small and medium size material transfer
NovaWear-BG	Very good abrasion, very good cut & gouge resistance - excellent dry / excellent wet non oily material transfer- large to small, sharp material transfer
NovaWear-RG	Excellent abrasion, excellent cut & gouge resistance - excellent dry / excellent wet non oily material transfer - large to small, sharp material transfer
NovatWear-YG	Superior abrasion, cut & gouge resistance - superior dry / superior wet non-oily material transfer - large to small, sharp material transfer



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The Novaflex Group is a market leader through excellence in product innovation and design. The Novaflex Group is a privately held company committed to continuous advancement in hose and connector solutions. Novaflex has one of the broadest product ranges available in the hose and ducting marketplace, as well as the HVAC, Industrial Venting, Hose Industries and Commercial Exhaust Venting Systems. Products are sold in industries across North America and around the world.