

# Morris PVC Flexible Hose

## Four distinct types to meet varying application needs.

Morris offers material-handling hoses to meet the wide variety of bulk conveying system requirements which may be encountered. Flexible hose is suitable for both vacuum and pressure-discharge service.

Morris hoses are ideal for conveying pellets, granular material and powdery substances. Flexible hose offers a fast, convenient method of finishing a pneumatic conveying system.

Morris also offers clamps to help complete your installation.



## MORR-CLEAR™ Economical Food-Grade PVC Transfer Hose

Our most popular material-handling hose features a clear PVC tube with a smooth bore to provide excellent material flow rates. A clear, rigid, external PVC helix reinforcement enables user to visually monitor flow of material.

High-density PVC materials are known for their ability to withstand abrasion. Hose construction provides good flexibility with light weight. Hose carries FDA “3A Dairy” rating. Operating temperature range from 10°F to 150°F.

| MORR-CLEAR Number | I.D. (inch) | O.D. (inch) | Working Pressure (psi) | Vacuum Rating (inch HG) | Bend Radius (inch) | Weight (lbs./ft.) | Standard Coils (ft.) |
|-------------------|-------------|-------------|------------------------|-------------------------|--------------------|-------------------|----------------------|
| MC150             | 1.5         | 1.81        | 50                     | 29                      | 3.2                | 0.31              | 100, 50, 25          |
| MC45M             | 45mm        | 2.05        | 40                     | 29                      | 3.2                | 0.42              | 100, 50, 25          |
| MC200             | 2           | 2.43        | 40                     | 29                      | 3.2                | 0.42              | 100, 50, 25          |
| MC250             | 2.5         | 3.00        | 35                     | 29                      | 4.5                | 0.65              | 100, 50, 25          |
| MC300             | 3           | 3.58        | 35                     | 29                      | 6.5                | 0.85              | 100, 50, 25          |
| MC400             | 4           | 4.68        | 35                     | 15                      | 10.4               | 1.30              | 100, 50, 25          |
| MC500             | 5           | 5.65        | 30                     | 10                      | 21.0               | 1.50              | 50, 25               |
| MC600             | 6           | 6.72        | 30                     | 10                      | 29.4               | 2.20              | 25                   |

## MORR-CLEAR™ STATIC Food-Grade PVC Hose with Static-Dissipating Ground Wire

This is the same durable lightweight hose described above. The only difference is MORR-CLEAR STATIC contains an integral wire to assure a positive ground where static build-up is a concern.

| MORR-CLEAR STATIC Number | I.D. (inch) | O.D. (inch) | Working Pressure (psi) | Vacuum Rating (inch HG) | Bend Radius (inch) | Weight (lbs./ft.) | Standard Coils (ft.) |
|--------------------------|-------------|-------------|------------------------|-------------------------|--------------------|-------------------|----------------------|
| MS150                    | 1.5         | 1.81        | 50                     | 29                      | 3.2                | 0.31              | 100, 50, 25          |
| MS45M                    | 45mm        | 2.05        | 40                     | 29                      | 3.2                | 0.42              | 100, 50, 25          |
| MS200                    | 2           | 2.43        | 40                     | 29                      | 3.2                | 0.42              | 100, 50, 25          |
| MS250                    | 2.5         | 3.00        | 35                     | 29                      | 4.5                | 0.65              | 100, 50, 25          |
| MS300                    | 3           | 3.58        | 35                     | 29                      | 6.5                | 0.85              | 100, 50, 25          |
| MS400                    | 4           | 4.68        | 35                     | 15                      | 10.4               | 1.30              | 100, 50, 25          |
| MS500                    | 5           | 5.65        | 30                     | 10                      | 21.0               | 1.50              | 50, 25               |
| MC600                    | 6           | 6.72        | 30                     | 10                      | 29.4               | 2.20              | 25                   |

### For Prices and Delivery

Call Toll Free: 1-800-426-1579

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2240 W. 15th St., Erie, PA 16505  
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# Morris PVC Flexible Hose *continued*

## MORR-THANE™ Extended Performance High-Density Polyurethane Transfer Hose

Hose is made from a high-density polyurethane formulation for extended life when handling abrasive materials. Hose has a smooth bore to provide excellent material flow rates. Corrugated construction provides good flexibility and light weight making hose easy to use. Hose remains flexible at sub-zero temperatures from -30°F to 150°F.

| MORR-THANE Number | I.D. (inch) | O.D. (inch) | Working Pressure (psi) | Vacuum Rating (inch HG) | Bend Radius (inch) | Weight (lbs./ft.) | Standard Coils (ft.) |
|-------------------|-------------|-------------|------------------------|-------------------------|--------------------|-------------------|----------------------|
| MT150             | 1.5         | 1.86        | 75                     | 29                      | 3.9                | 0.42              | 100, 50, 25          |
| MT200             | 2           | 2.42        | 65                     | 29                      | 5.5                | 0.68              | 100, 50, 25          |
| MT250             | 2.5         | 3.04        | 50                     | 29                      | 7.0                | 1.08              | 100, 50, 25          |
| MT300             | 3           | 3.64        | 50                     | 29                      | 8.0                | 1.35              | 100, 50, 25          |
| MT400             | 4           | 4.77        | 50                     | 29                      | 14.0               | 2.33              | 100, 50, 25          |
| MT500             | 5           | 5.75        | 45                     | 29                      | 20.0               | 2.95              | 50, 25               |
| MT600             | 6           | 7.00        | 35                     | 25                      | 25.0               | 3.44              | 50, 25               |
| MT800             | 8           | 9.20        | 25                     | 25                      | 48.0               | 6.48              | 20                   |

Standard MORR-THANE is blue. Upon request, it is available clear with static wire. Contact Erie for pricing.

## MORR-TUFF™ Material Hose For Severe Service

MORR-TUFF is specifically designed for unloading pellets from rail cars, handling sand blast grit, and the transfer of grain and other severe applications.

MORR-TUFF is a blend of Nitrile, polyurethane and PVC that makes it flexible, lightweight and easy to handle – even in the large sizes. Compared to rubber and metal hoses, MORR-TUFF offers a low-cost alternative. The outer black cover is static dissipating and ozone resistant. Operating temperature from -30°F to 150°F.

| MORR-TUFF Number | I.D. (inch) | O.D. (inch) | Working Pressure (psi) | Vacuum Rating (inch HG) | Bend Radius (inch) | Weight (lbs./ft.) | Standard Coils (ft.) |
|------------------|-------------|-------------|------------------------|-------------------------|--------------------|-------------------|----------------------|
| MF150            | 1.5         | 1.94        | 45                     | 29                      | 3.2                | 0.42              | 100, 50, 25          |
| MF200            | 2           | 2.50        | 45                     | 29                      | 5.5                | 0.65              | 100, 50, 25          |
| MF300            | 3           | 3.77        | 40                     | 29                      | 7.5                | 1.31              | 100, 50, 25          |
| MF400            | 4           | 4.85        | 40                     | 29                      | 11.0               | 1.70              | 100, 50, 25          |
| MF500            | 5           | 5.95        | 40                     | 29                      | 15.0               | 2.60              | 100, 50, 25          |
| MF600            | 6           | 7.08        | 40                     | 29                      | 20.0               | 3.21              | 50, 25               |
| MF800            | 8           | 9.28        | 30                     | 29                      | 30.0               | 6.10              | 20                   |