

HOSE TEC[®] **TOUGH**

METAL HOSE[™]

by Kuriyama

Introducing our newest product line

Tec-Flex[™]

Tec-Flex[™] Low Leak Flex Hose

A light-weight and flexible alternative to both roughbore and smoothbore metal hose that offers quality and durability while providing more ease of handling in industrial applications. This directional flow product eliminates the need for packing while maintaining outstanding flexibility and a low force-to-bend.

Material Specifications:

- Stainless Steel Strip 304 (1.4301)
- Available ID's: 2 1/2", 3", 3 1/2", 4", 5", 6" & 7"

Typical Applications:

- High temperature/low leak ventilation
- Dry bulk truck and railcar unloading
- Grain handling
- Dry powder/fly ash
- Plastic pellet transfer

Features & Advantages:

- Flexibility
- Low weight
- Low leak
- Easy on operators
- Excellent vibration absorption

Configurations:

- Available in cut length pieces or bulk
- Our custom fabrication shop allows for a large variety of end fittings
- Let us build a solution for you



Premium quality interlocking stripwound hose with excellent durability and bend strength coupled with low leak ability. A single 304 strip, double interlocked with radially shaped strips. Provides the profile and characteristics of smoothbore hose without the hindrance of the heavy and stiff qualities found in standard smoothbore hose.

LESS WEIGHT, MORE FLEXIBILITY, STILL HOSE TEC TOUGH



Kuriyama of America, Inc.



Nominal Specifications

| Hose Size ID (in) | Extended (lbs/ft) | Min. Bending Radius (in) |
|-------------------|-------------------|--------------------------|
| 2 1/2 | 0.75 | 7.50 |
| 3 | 0.84 | 8.25 |
| 3 1/2 | 1.10 | 10.50 |
| 4 | 1.65 | 11.75 |
| 4 1/2 | 2.00 | 12.50 |
| 5 | 2.31 | 13.00 |
| 6 | 3.00 | 18.00 |



Advantages Over Smoothbore:

- Tighter bend radius
- Lighter in weight
- Lower leak rate
- Less force to bend



Hose Construction

| Characteristics of 4" 304 Stainless Interlock | Tec-Flex | Smoothbore (unpacked) | Roughbore (unpacked) |
|---|-----------|-----------------------|----------------------|
| Bend Radius (in) | 11.75 | 16.0 | 14.50 |
| Weight (lbs/ft) | 1.8 | 3.6 | 2.6 |
| Leak Rate (4.5 psi) | < 0.2 cfm | < 0.5 cfm or greater | 2 cfm or greater |
| Directional Flow? | Yes | Yes | No |



To learn more, please contact the factory

Plant and Warehouse Location

Hose Technology

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