



## NDH™ Series

### Nitrile, Static Dissipating Drop Hose

#### GENERAL APPLICATIONS

- Tank truck gravity drop fuel transfer

#### CONSTRUCTION

Specially blended nitrile (NBR) rubber tube with polyester fabric reinforcement, rigid PVC helix and embedded grounding wire

#### SERVICE TEMPERATURE RANGE

-10°F (-23.3°C) to +150°F (+65.5°C)\*

\*Actual service temperature range is application dependent.

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NDH**



#### FEATURES AND ADVANTAGES

- **Specialty Rubber Compounds** – Designed to handle gasoline, diesel, ethanol\*\* and biodiesel.\*\*
- **Durable Construction** – Designed with high tensile strength polyester yarn fabric reinforcement.
- **Easy to Handle** – Lighter weight and greater flexibility than conventional rubber drop hoses.‡
- **Grounding Wire** – Durable multi-strand copper wire helps dissipate static electricity. Physically extract wire from the rigid helix and bond to the metal coupling (or by other means) to ground.+
- **Static Dissipating Tube** – Specially formulated to help prevent the build-up of static electricity for added safety.
- **Easy Slide Helix** – Rigid clockwise helix design protects hose tube from cover wear; allows hose to slide easily over rough surfaces.

| Series Number | ID   |       | OD <sup>^</sup> |       | Working Pressure (psi) |          | Vacuum Rating Hg (in) |          | Min. Bending Radius (in) at 68°F | Standard Length (ft) | Weight (lbs/ft) |
|---------------|------|-------|-----------------|-------|------------------------|----------|-----------------------|----------|----------------------------------|----------------------|-----------------|
|               | (in) | (mm)  | (in)            | (mm)  | at 68°F                | at 104°F | at 68°F               | at 104°F |                                  |                      |                 |
| NDH202        | 2.02 | 51.3  | 2.60            | 66.0  | 75                     | 40       | Full                  | 27       | 5                                | 100/20               | 0.80            |
| NDH303        | 3.03 | 77.0  | 3.69            | 93.7  | 70                     | 35       | Full                  | 27       | 6                                | 100/20               | 1.24            |
| NDH404        | 4.04 | 102.6 | 4.78            | 121.4 | 65                     | 30       | Full                  | 27       | 8                                | 100/57/20            | 2.00            |

#### NOTES:

- Service life may vary depending on operating conditions and type of material being conveyed.
- Chemical Resistant Guides (See Index for Page Number)
- \*\* Meeting ASTM D5798, D4806 or D6751 criteria.
- <sup>^</sup> OD measured over helix.
- ‡ Based on Tigerflex force to bend test data @ 68°F.

**i** Select Distribution Item Only. Talk to your local sales representative for more details.

#### + ASSEMBLY SUGGESTIONS

Hose ID specifically designed for use with Kuriyama Couplings™. Refer to the Tigerflex Coupling Installation Suggestions in this catalog.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.