

# 2020™ Series

## Heavy Duty Food Grade Polyurethane Fabric Reinforced Material Handling Hose With Grounding Wire

### General Applications:

- Bulk truck and railcar unloading
- Food grade material handling – heavy duty abrasive
- Material handling – heavy duty abrasive
- Suction and discharge

**Construction:** Extra thick double-ply polyurethane tube, polyester fabric reinforcement, rigid PVC helix and grounding wire.

### Service Temperature Range:

-40°F (-40°C) to +150°F (+65°C)\*

### Features and Advantages:

- **Extra Thick Abrasion Resistant Double-Ply Polyurethane Tube** – Designed for dry applications where severe abrasion is a factor. Provides for longer hose life and lower operating costs versus rubber or PVC hoses.
- **Food Grade Materials** – Hose Liner (Product Contact Surface) complies with applicable FDA<sup>(04)</sup> and USDA<sup>(12)</sup> requirements.
- **Fabric Reinforcement** – Designed with high tensile strength, food grade<sup>(05)</sup>, polyester yarn jacket to handle both suction, and higher pressure discharge applications.



- **Grounding Wire** – Multi-strand wire helps prevent the build-up of static electricity for added safety and to help keep material flowing smoothly. It's embedded within the rigid helix to prevent contamination of transferred materials.
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.
- **“Cold-Flex” Materials** – Hose remains flexible in sub-zero temperatures.
- **Easy Slide Helix** – Rigid helix design protects hose tube from cover wear, and allows hose to slide easily over rough surfaces. Easy-to-handle.
- **Oil Resistant Polyurethane Tube** – Resists most animal and petroleum based oils.
- **Phthalate Free**

## Nominal Specifications

| Series Number | ID   |       | OD   |       | Working Pressure (psi) |       | Vacuum Rating Hg (in) |       | Min. Bending Radius at 68°F (in) | Standard Length (ft) | Weight (lbs/ft) |
|---------------|------|-------|------|-------|------------------------|-------|-----------------------|-------|----------------------------------|----------------------|-----------------|
|               | (in) | (mm)  | (in) | (mm)  | 68°F                   | 104°F | 68°F                  | 104°F |                                  |                      |                 |
| 2020-200      | 2    | 50.1  | 2.65 | 67.5  | 75                     | 40    | Full                  | 28    | 9                                | 100                  | 0.94            |
| 2020-300      | 3    | 76.2  | 3.78 | 96.0  | 70                     | 35    | Full                  | 28    | 10                               | 100/50/20            | 1.20            |
| 2020-400      | 4    | 101.6 | 4.84 | 123.0 | 65                     | 30    | Full                  | 28    | 12                               | 100/50/20            | 1.60            |
| 2020-500      | 5    | 127.0 | 5.79 | 147.0 | 45                     | 22    | 28                    | 25    | 14                               | 50/25/20             | 2.45            |
| 2020-600      | 6    | 152.4 | 6.93 | 176.0 | 40                     | 22    | 28                    | 25    | 16                               | 50/25/20             | 2.86            |
| 2020-800      | 8    | 206.0 | 9.21 | 234.0 | 30                     | 15    | 24                    | 20    | 22                               | 50/20                | 4.69            |

**NOTE:** Service life may vary depending on operating conditions and type of material being conveyed.

**NOTE:** For details of the following compliances, refer to footnotes listed on page 63.

\*Actual service temperature range is application dependent.

⚠ **CAUTION:** This product is designed to dissipate static electricity when the embedded grounding wire is physically extracted and securely connected to ground, through the fitting or by other means.

**BSE/TSE<sup>(02)</sup>, FDA<sup>(04)</sup>, FDA<sup>(05)</sup>, PHTHALATE FREE<sup>(10)</sup>, RoHS<sup>(11)</sup>, USDA<sup>(12)</sup>**

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