

Fluid & Air Transfer - Hose

Anti-Static Loading Hose

A specially formulated anti-static PVC loading for the loading of ammonium nitrate/fuel oil blasting agents used in the mining and construction industries.

Construction:

Specially-formulated anti-static PVC compound.

Features:

- Conductivity – effectively limits build-up of static electricity; provides path for its safe dissipation to ground.
- Bleeds off static charges built up during pneumatic loading of Ammonium Nitrate/Fuel Oil mixtures.
- Sufficient resistance – guards blasting circuit against stray electrical currents.
- Wear resistance – smooth interior and exterior surfaces, combined with tough material formulation, provide good wear resistance.
- Self-extinguishing characteristics.
- Excellent flexibility – sufficiently flexible to handle easily, yet rigid enough to reach upwards into collars of steeply-inclined holes.
- Easily identifiable – co-extruded continuous orange stripe makes tubing visible in underground lighting.
- Embossed branding – provides lasting identification.
- Packaged for ease of handling and shipping.



Applications:

- Bulk unloading of ammonium nitrate/fuel oil blasting agents in small diameter holes.
- Successfully used for years with Orica's blast hole chargers, intermediate loaders and the Penberthy Anoloader.
- Mining and construction site blasting.

| Series No. | Size Code | Inside Diameter | | Approx. O.D. | | Max. W.P. | | Approx. Mass per 100 ft. (lbs.) | Approx. Mass per 100 m (kg.) | Length/Coil | |
|------------|-----------|-----------------|----|--------------|----|-----------|------|---------------------------------|------------------------------|-------------|----|
| | | Inches | mm | Inches | mm | PSI | MPa | | | ft. | m |
| 221-35 | 10 | 0.63 | 16 | 0.859375 | 22 | 120 | 0.83 | 17.5 | 25 | 200 | 61 |
| 221-3534 | 12 | 0.75 | 19 | 1.06 | 27 | 120 | 0.83 | 28 | 40 | 200 | 61 |
| 221-351 | 16 | 1 | 25 | 1.33 | 34 | 120 | 0.83 | 38 | 55 | 300 | 91 |
| 221-35114 | 20 | 1.25 | 32 | 1.63 | 41 | 120 | 0.83 | 55 | 78 | 100 | 30 |

Service Temperature Range: -30°F (-35°C) to +150°F (+65°C)

NOTE: A new coil of tubing can have its pliancy restored by the application of heat before it is placed in service underground. This will facilitate handling and its attachment to pneumatic loading equipment. Steam or very hot water passed through the coiled tubing will remove the "set" from the new tubing and allow it to be straightened easily. The tubing should then be left to cool in the straight position.

