

# Plicord® ExtremeFlex™ Petroleum Transfer



## Product Specifications

### Application

This hose is an extremely flexible and lightweight drop hose for use in tank truck and in-plant operation to transfer diesel, ethanol, gasoline, oil and petroleum-based products with up to 50% aromatic content. It has a corrugated construction for lower drag coefficient and superior abrasion resistance.

### Construction

#### > Tube

Black nitrile synthetic rubber, ARPM Class A (High Oil Resistance)

#### > Cover

Black Chemivac synthetic (corrugated)

#### > Reinforcement

Spiral-plied synthetic fabric with double wire helix

### Temperature Range

-40°F to 200°F (-40°C to 93°C)

### Packaging

100' lengths, coiled and bagel-packed

### Branding (Spiral)

Example: Plicord® ExtremeFlex™ Petroleum Transfer

### Couplings

Use Continental Insta-Lock™ cam & groove fittings. Refer to the Continental Industrial Hose Assembly Manual for crimp specifications.

### Order Codes

543-216

## Plicord® ExtremeFlex™ Petroleum Transfer

| SAP #    | ID  | Nom. OD |      | Max. WP |     | Bend Radius |     | Vacuum HG |     | Weight |         |      |
|----------|-----|---------|------|---------|-----|-------------|-----|-----------|-----|--------|---------|------|
| Black    | in. | mm      | in.  | mm      | psi | MPa         | in. | mm        | in. | mm     | lb./ft. | kg/m |
| 20459042 | 3/4 | 19.1    | 1.20 | 30.5    | 250 | 1.72        | .75 | 19        | 29  | 737    | 0.44    | 0.65 |
| 20459043 | 1   | 25.4    | 1.45 | 36.8    | 250 | 1.72        | 1   | 25        | 29  | 737    | 0.55    | 0.81 |
| 20459044 | 1½  | 38.1    | 1.91 | 48.5    | 250 | 1.72        | 1.5 | 38        | 29  | 737    | 0.73    | 1.08 |
| 20459045 | 2   | 50.8    | 2.43 | 61.8    | 250 | 1.72        | 2   | 51        | 29  | 737    | 0.96    | 1.43 |
| 20459046 | 2½  | 63.5    | 3.00 | 76.1    | 200 | 1.37        | 2.5 | 64        | 29  | 737    | 1.41    | 2.10 |
| 20459047 | 3   | 76.2    | 3.50 | 88.8    | 200 | 1.37        | 3   | 76        | 29  | 737    | 1.69    | 2.51 |
| 20459048 | 4   | 101.6   | 4.56 | 115.7   | 150 | 1.03        | 4   | 101       | 29  | 737    | 2.42    | 3.61 |
| 20546328 | 6   | 152.4   | 6.62 | 168.4   | 150 | 1.03        | 6   | 152       | 29  | 737    | 4.43    | 2.01 |

Hose design factor 4:1.

