



FuelFLEX™ 65

Product Features

The FuelFLEX™ 65 product line is made especially for use with petroleum based products. Its distinct translucent yellow color identifies it as a fuel line, but also allows the user to monitor flow. The special PVC formulation uses a specific plasticizer that will not crack or dry out like other PVC compounds will in the presence of petroleum based products. This formulation also boasts a higher resistance to ethanol and a longer shelf life than traditional fuel formulations.

FuelFLEX™ 65

For Use with Petroleum-Based products

- Flexible and easy to install
- Resists swelling and hardening
- Easy-to-identify transparent yellow
- Higher resistance to ethanol commonly found in many petroleum products
- Meets REACH, ROHS and Position 65 requirements

Typical Applications

- For use with petroleum-based products
- Fuel drain lines, vent tubes and overflow tubes
- Transfer of gasoline, heating oils, cutting compounds and coolants
- Lab handling of distillates
- NOT intended for use with foods or beverages

Specifications

All FuelFLEX™ 65 tubing products offer the following:

- Flexible, premium-grade PVC product specifically formulated for use with petroleum-based products
- Meets RoHS, REACH and Proposition 65 requirements

Chemical Resistance

Ratings for ideal conditions 73°F / 25°C

| | |
|----------------------|-----------------|
| Strong Mineral Acids | Fair |
| Organic Acids | Fair |
| Weak Acids | Excellent |
| Bases - Weak | Excellent |
| Bases - Strong | Good |
| Solvents | Not Recommended |

FuelFLEX™ 65 Size & Physical Properties

Size Chart

| Catalog Number | ID Size In. | OD Size In. | Wall | Operating Pressure PSIG 73°F | Case Qty. Ft. |
|----------------|-------------|-------------|------|------------------------------|---------------|
| 8365-4190 | 5/64 | 9/64 | 1/32 | 58 | 100 |
| 8365-4230 | 3/32 | 3/16 | 3/64 | 66 | 100 |
| 8365-4245 | 1/8 | 1/4 | 1/16 | 66 | 100 |
| 8365-4295 | 3/16 | 5/16 | 1/16 | 53 | 100 |
| 8365-4335 | 1/4 | 3/8 | 1/16 | 44 | 100 |
| 8365-4390 | 5/16 | 7/16 | 1/16 | 37 | 100 |
| 8365-4430 | 3/8 | 1/2 | 1/16 | 33 | 100 |
| 8365-4440 | 3/8 | 5/8 | 1/8 | 53 | 100 |
| 8365-4463 | 7/16 | 9/16 | 1/16 | 29 | 100 |
| 8365-4465 | 7/16 | 5/8 | 3/32 | 39 | 100 |
| 8365-4505 | 1/2 | 5/8 | 1/16 | 26 | 100 |
| 8365-4515 | 1/2 | 3/4 | 1/8 | 44 | 100 |
| 8365-4570 | 5/8 | 7/8 | 1/8 | 37 | 100 |
| 8365-2605 | 3/4 | 1 | 1/8 | 33 | 50 |

Physical Properties

| Properties | ASTM Method | Value Rating |
|-------------------------------------|-------------|-------------------------------|
| Hardness; Shore A (+/- 5) | D2240 | 65 |
| Vacuum | | Not Recommended |
| Operating temperature range | | -15° - 165°F -26° - 75°C |
| Maximum Working Pressure | | 73°F / 44psi 125°F / 22psi |
| Testing Size | | 1/4"ID x 1/16"W |
| Color | | Transparent Yellow |
| Odor | | Slight |
| Taste | | N/A (Not Food Grade) |
| Specific Gravity; g/cm ³ | D792 | 1.24 |
| Tensile Strength; psi | D638 | 2390 |
| Ultimate Elongation; % | D638 | 415 |
| Flame Resistance | D568 | Self-extinguishing |

* The above is accurate to the best of the Company's knowledge, however, these are typical values and should not be used as a certification. All materials should be tested for suitability in their intended use.