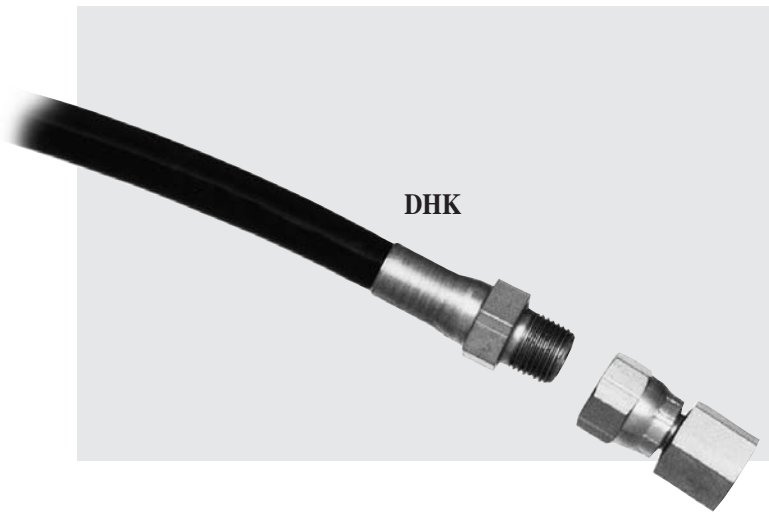


# Oil Pressure Tubing Kit

PTK-8165B  
Revised 03-99  
Catalog Section 05  
(00-02-0032)



## DHK Model

- Custom Fit Oil Pressure Line for Any Engine
- Swaged Fittings
- Wide Pressure and Temperature Compatibility
- Tough Materials for Industrial Use
- Adapters for U.S. or Metric

### Description

The Deluxe (DHK) oil pressure tubing kit can be used with a variety of Murphy SWICHGAGE® and MURPHYGAGE® instruments. This kit consists of gauge fitting, pressure tubing, and engine fitting.

The Deluxe kit is ideal for heavy-duty industrial applications. The nylon core is reinforced with a synthetic fiber braid and polyurethane cover. Both ends of the pressure tubing have swaged fittings.

The Deluxe kit allows you to choose the type of gauge and engine fittings for your application. Choose straight or elbow fittings for both gauge and engine connections. In addition, the kit offers a variety of engine adapters to fit your application. These adapters are available in U.S. or metric threads.

### Features

#### Deluxe Kit

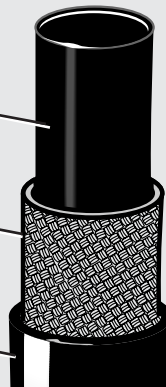
- Tubing will not swell or absorb fluids which can cause restriction of the I.D. or release contaminants into the system.
- Synthetic fiber reinforcing braid eliminates wire that often fatigues, breaks, and may puncture the core tube.
- Thermoplastic core tube is resistant to practically all oils and hydraulic fluids.
- Swaged fittings for tough applications.

#### Deluxe Kit Tubing Detail

Nylon-lined core tube

Synthetic fiber braid

Polyurethane cover



### Specifications

**Tubing:** Nylon, 1/8 in. (3 mm) I.D. suitable for continuous service from -40 to 200°F (-40 to 93°C). Intermittent service +250°F (121°C).

**Fittings:** Brass and steel.

**Adaptors:** Brass and steel.

**Washers:** Copper (supplied with all non-tapered thread fittings).

#### Working Pressure:

2,500 psi (17.2 MPa) [172.0 bar].

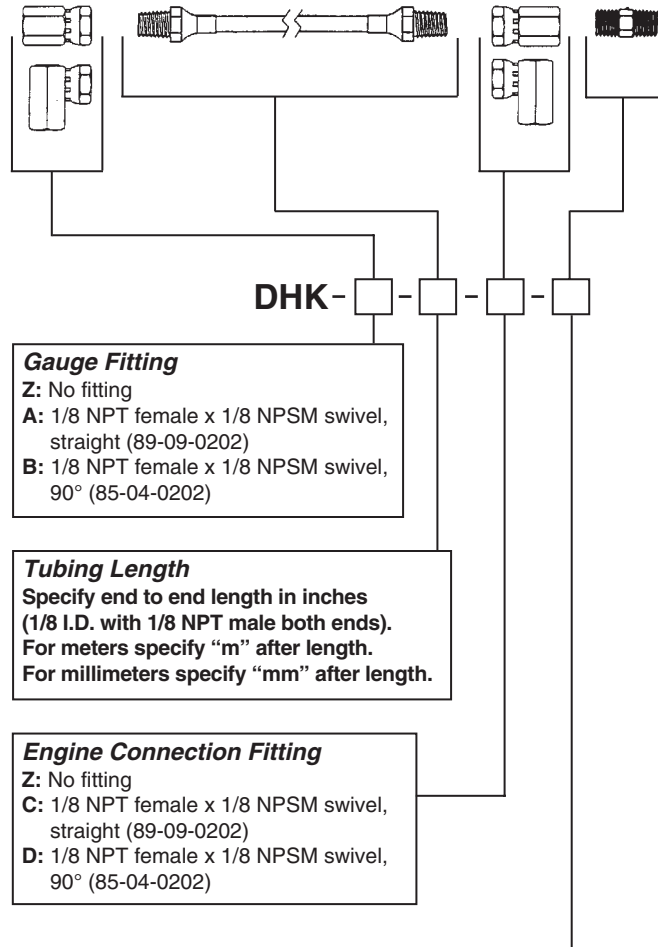
#### Minimum Burst Pressure:

10,000 psi (68.9 MPa) [689.0 bar]  
@ 200°F (93°C).

# How to Order

To order the oil pressure tubing kit to fit your application use the diagram below. Specify the Deluxe base model number, gauge fitting, length of hose in inches, engine fitting, and engine adaptor (**Note:** designate "Z" if no gauge fitting, engine fitting or adaptor is required). Model number example: **DHK-A-72-C-Z**

## Deluxe Tubing Kit



### Gauge Fitting

**Z:** No fitting  
**A:** 1/8 NPT female x 1/8 NPSM swivel, straight (89-09-0202)  
**B:** 1/8 NPT female x 1/8 NPSM swivel, 90° (85-04-0202)

### Tubing Length

Specify end to end length in inches (1/8 I.D. with 1/8 NPT male both ends).  
 For meters specify "m" after length.  
 For millimeters specify "mm" after length.

### Engine Connection Fitting

**Z:** No fitting  
**C:** 1/8 NPT female x 1/8 NPSM swivel, straight (89-09-0202)  
**D:** 1/8 NPT female x 1/8 NPSM swivel, 90° (85-04-0202)

### Engine Connection Adaptor

**Z:** No adaptor  
**G:** 1/8 NPT male x 1/8 NPT, male, straight (86-03-0204)  
**H:** 1/8 NPT male x 1/4 NPT, male, straight (65-05-0460)  
**K:** 1/8 NPT male x M10-1.0, straight (65-05-0461) with seal washer (65-05-0465)  
**M:** 1/8 NPT male x M12-1.5, straight (65-05-0462) with seal washer (65-05-0456)  
**N:** 1/8 NPT male x M14-1.5, straight (65-05-0463) with seal washer (10-05-0601)  
**O:** 1/8 NPT male x M18-1.5, straight (65-05-0474) with seal washer (10-05-0605)  
**P:** 1/8 NPT male x 1/8 BSPT, male, straight (65-05-0464)



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