



3,000-10,000 PSI High Pressure Discharge Hose

30 Ft. Model **34350**
 50 Ft. Models **34325**
34354-34358

FEATURES

- Tighter bend radius than standard R hose permitting a smaller packaged unit.
- Reinforced wire braid or steel spiral for strength and durability.
- Heat resistant, cleaning chemical resistant, and wear resistant giving you greater return on your investment.

SPECIFICATIONS

10,000 PSI - 1/2"

| MODEL | U.S. Measure | Metric Measure |
|---------------------------------|-------------------|----------------|
| 34357 | | |
| Max. System Flow..... | 25 GPM | (95 L/M) |
| Max. System Pressure..... | 10,000 PSI | (690 BAR) |
| Max. Temperature*..... | 100°F | (38°C) |
| Bend Radius..... | 6.0" | (152 mm) |
| Hose Construction (Spiral)..... | Four Steel | (Four Steel) |
| Safety Factor..... | 3.2 to 1 | (3.2 to 1) |
| Hose Connections..... | 1/2" NPTM | (1/2" NPTM) |
| Hose Length..... | 50 ft. | (15.2 M) |
| Weight..... | 43.9 lbs. | (19.9 kg) |

*Refer to individual operator's manual for maximum pump liquid temperature.

SPECIFICATIONS

| | U.S. Measure | U.S. Measure | U.S. Measure | Metric Measure |
|-----------------------------------|-----------------|-----------------|-----------------|------------------|
| 3000 & 4000 PSI - 3/8" | | | | |
| MODELS | 34350 | 34355 | 34325 | |
| Max. System Flow..... | 10 GPM | 10 GPM | 10 GPM | (38 L/M) |
| Max. System Pressure..... | 3000 PSI | 3000 PSI | 4000 PSI | (210/275 BAR) |
| Max. Temperature*..... | 250°F | 250°F | 250°F | (121°C) |
| Bend Radius..... | 2.0" | 2.0" | 2.5" | (51/63 mm) |
| Hose Construction (Braid) | Single Wire | Single Wire | Double Wire | (Single/Double) |
| Safety Factor..... | 4 to 1 | 4 to 1 | 4 to 1 | (4 to 1) |
| Hose Connections..... | 3/8" NPTM | 3/8" NPTM | 3/8" NPTM | (3/8" NPTM) |
| Swivel..... | 3/8" NPTM | 3/8" NPTM | 3/8" NPTM | (3/8" NPTM) |
| Hose Length..... | 30 ft. | 50 ft. | 50 ft. | (9.1/15.2 M) |
| Weight..... | 6.1 lbs. | 9.8 lbs. | 14.2 lbs. | (2.7/4.4/6.6 kg) |

3000 PSI - 3/4"

| MODEL | U.S. Measure | Metric Measure |
|--------------------------------|-----------------|----------------|
| 34354 | | |
| Max. System Flow..... | 50 GPM | (189 L/M) |
| Max. System Pressure..... | 3000 PSI | (210 BAR) |
| Max. Temperature*..... | 250°F | (121°C) |
| Bend Radius..... | 4.75" | (120 mm) |
| Hose Construction (Braid)..... | Single Wire | (Single Wire) |
| Safety Factor..... | 4 to 1 | (4 to 1) |
| Hose Connections..... | 3/4" NPTM | (3/4" NPTM) |
| Swivel..... | 3/4" NPTM | (3/4" NPTM) |
| Hose Length..... | 50 ft. | (15.2 M) |
| Weight..... | 35.5 lbs. | (16.1 kg) |

3000 PSI - 1/2"

| MODEL | U.S. Measure | Metric Measure |
|--------------------------------|-----------------|----------------|
| 34356 | | |
| Max. System Flow..... | 25 GPM | (95 L/M) |
| Max. System Pressure..... | 3000 PSI | (210 BAR) |
| Max. Temperature*..... | 250°F | (121°C) |
| Bend Radius..... | 3.5" | (88 mm) |
| Hose Construction (Braid)..... | Single Wire | (Single Wire) |
| Safety Factor..... | 4 to 1 | (4 to 1) |
| Hose Connections..... | 1/2" NPTM | (1/2" NPTM) |
| Swivel..... | 1/2" NPTM | (1/2" NPTM) |
| Hose Length..... | 50 ft. | (15.2 M) |
| Weight..... | 14.5 lbs. | (6.5 kg) |

3000 PSI - 1"

| MODEL | U.S. Measure | Metric Measure |
|--------------------------------|-----------------|----------------|
| 34358 | | |
| Max. System Flow..... | 70 GPM | (265 L/M) |
| Max. System Pressure..... | 3000 PSI | (210 BAR) |
| Max. Temperature*..... | 250°F | (121°C) |
| Bend Radius..... | 6.0" | (152 mm) |
| Hose Construction (Braid)..... | Single Wire | (Single Wire) |
| Safety Factor..... | 4 to 1 | (4 to 1) |
| Hose Connections..... | 1" NPTM | (1" NPTM) |
| Swivel/Adapter..... | 1" NPTM | (1" NPTM) |
| Hose Length..... | 50 ft. | (15.2 M) |
| Weight..... | 55.0 lbs. | (24.9 kg) |

"Customer confidence is our greatest asset"

SELECTION: Always select a hose to meet or exceed the system pressure desired. Match quick couplers and other system accessories to hose pressure rating.

INSTALLATION: The standard 4000 PSI hose swivel end quickly connects to any 3/8" gun inlet fitting. Quick couplers are also available for connecting Hose-to-Hose or Hose-to-TUFF CAT Unit.

The 10,000 PSI hose has a 1/2" fitting which should be connected to a **Dump Gun** for maximum safety. A quick coupler is available for **connecting Hose-to-Hose**.

OPERATION: Check for tight, non-leaking hose connections to assure optimum performance.

Refer to Hose Friction Loss chart below for pressure loss incurred as you increase hose length.

MAINTENANCE: Replace hose if outer covering becomes excessively worn, cut, cracked or if a bulge occurs.

PARTS LIST

| PART NO | DESCRIPTION | HOSE MODEL |
|---------|--------------------------------------------------------------------------------|--------------|
| 34380 | Quick Disconnect Hose-to-Hose 3/8" NPTF x 3/8" NPTF 4000 PSI | 34350, 34355 |
| 34667 | Quick Disconnect Hose-to-TUFF CAT Unit 3/8" NPTF x 3/8" NPTM 4000 PSI | 34350, 34355 |
| 34381 | Quick Disconnect Hose-to-Hose 1/2" NPTF x 1/2" NPTF 10,000 PSI | 34357 |
| 34382 | Quick Disconnect Hose-to-Hose 3/4" NPTF x 3/4" NPTF 3000 PSI | 34354 |
| 34383 | Quick Disconnect Hose-to-Hose 1" NPTF x 1" NPTF 3000 PSI | 34358 |
| 34384 | Quick Disconnect Hose-to-Hose 1/2" NPTF x 1/2" NPTF 1000 PSI | 34356 |

HOSE FRICTION LOSS

| Water* Flow Gal/Min | PRESSURE DROP IN PSI PER 100 FT OF HOSE WITH TYPICAL WATER FLOW RATES Hose Inside Diameters, Inches | | | | | | |
|---------------------------|-----------------------------------------------------------------------------------------------------------|------|------|-----|-----|-----|----|
| | 1/4 | 5/16 | 3/8 | 1/2 | 5/8 | 3/4 | 1" |
| 0.5 | 16 | 5 | 2 | | | | |
| 1 | 54 | 20 | 7 | 2 | | | |
| 2 | 180 | 60 | 25 | 6 | 2 | | |
| 3 | 380 | 120 | 50 | 13 | 4 | 2 | |
| 4 | | 220 | 90 | 24 | 7 | 3 | |
| 5 | | 320 | 130 | 34 | 10 | 4 | |
| 6 | | | 220 | 52 | 16 | 7 | 1 |
| 8 | | | 300 | 80 | 25 | 10 | 2 |
| 10 | | | 450 | 120 | 38 | 14 | 3 |
| 15 | | | 900 | 250 | 80 | 30 | 7 |
| 20 | | | 1600 | 400 | 121 | 50 | 12 |
| 25 | | | | 650 | 200 | 76 | 19 |
| 30 | | | | | 250 | 96 | 24 |
| 40 | | | | | 410 | 162 | 42 |
| 50 | | | | | 600 | 235 | 62 |
| 60 | | | | | | 370 | 93 |

*At a fixed flow rate with a given size hose, the pressure drop across a given hose length will be directly proportional. A 50 ft. hose will exhibit one-half the pressure drop of a 100 ft. hose. Above values shown are valid at all pressure levels.

⚠ WARNING

Severe injury can occur with high pressure spray.
Do not allow spray to contact any part of body.

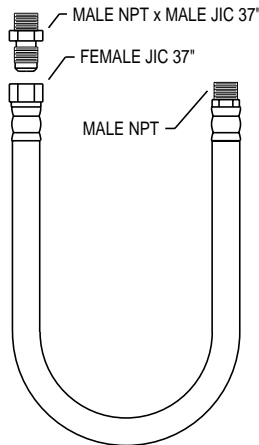
WARRANTY

90 Day Warranty

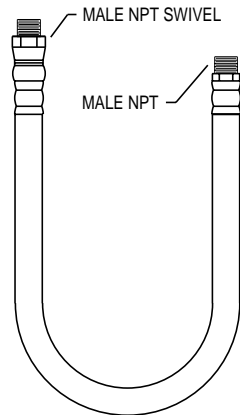
Refer to complete CAT PUMPS Warranty for further information.

HOSE FITTING STYLE

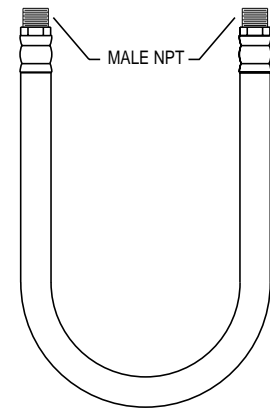
Type A
34358



Type B
34325
34350
34354
34355
34356



Type F
34357



Products described hereon are covered by one or more of the following U.S. patents 3558244, 3652188, 3809508, 3920356, 3930756 and 5035580

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