



## W™ Series

### Heavy-Duty, PVC Liquid Suction Hose

#### GENERAL APPLICATIONS

- Extreme cold conditions (Sizes 4" - 16")
- Fish suction
- Gold dredging
- Pumps, rental and construction dewatering
- Pumps, trash
- Slurry handling
- Water suction – heavy duty

#### CONSTRUCTION

PVC tube with rigid PVC helix

#### SERVICE TEMPERATURE RANGE

Sizes 1" - 3": -4°F (-20°C) to +150°F (+65°C)\*

Sizes 4" - 16": -40°F (-40°C) to +150°F (+65°C)\*

\*Actual service temperature range is application dependent.



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#### FEATURES AND ADVANTAGES

- “Cold-Flex” Materials (Sizes 4" - 16") – Hose remains flexible in sub-zero temperatures.
- Convoluted Outer Cover – Provides increased hose flexibility.
- Transparent Construction – “See-the-flow.” Allows for visual confirmation of material flow.

| Series Number | ID    |       | OD    |       | Working Pressure (psi) |          | Vacuum Rating Hg (in) |          | Min. Bending Radius (in) at 68°F | Standard Length (ft) | Weight (lbs/ft) |
|---------------|-------|-------|-------|-------|------------------------|----------|-----------------------|----------|----------------------------------|----------------------|-----------------|
|               | (in)  | (mm)  | (in)  | (mm)  | at 68°F                | at 104°F | at 68°F               | at 104°F |                                  |                      |                 |
| W100          | 1     | 25.4  | 1.30  | 33.0  | 55                     | 35       | Full                  | 28       | 1                                | 200/100              | 0.21            |
| W125          | 1 1/4 | 31.7  | 1.60  | 40.6  | 50                     | 30       | Full                  | 28       | 2                                | 200/100              | 0.28            |
| W150          | 1 1/2 | 38.1  | 1.85  | 47.0  | 50                     | 30       | Full                  | 28       | 2                                | 200/100              | 0.34            |
| W200          | 2     | 50.8  | 2.40  | 61.0  | 50                     | 30       | Full                  | 28       | 3                                | 200/100              | 0.52            |
| W250          | 2 1/2 | 63.5  | 2.99  | 75.9  | 45                     | 25       | Full                  | 28       | 4                                | 200/100              | 0.77            |
| W300          | 3     | 76.2  | 3.64  | 92.5  | 45                     | 25       | Full                  | 28       | 6                                | 200/100              | 1.18            |
| W400          | 4     | 101.6 | 4.76  | 121.0 | 35                     | 18       | Full                  | 28       | 8                                | 200/100              | 1.92            |
| W500          | 5     | 127.0 | 5.75  | 146.0 | 35                     | 18       | 28                    | 25       | 12                               | 100/20               | 2.95            |
| W600          | 6     | 152.4 | 7.00  | 177.8 | 30                     | 15       | 28                    | 25       | 14                               | 100/20               | 3.76            |
| W800          | 8     | 203.2 | 9.18  | 233.2 | 30                     | 15       | 28                    | 25       | 24                               | 40/20                | 5.99            |
| W1000         | 10    | 254.0 | 11.56 | 293.5 | 25                     | 12       | 28                    | 25       | 39                               | 40/20                | 9.74            |
| W1200         | 12    | 304.8 | 13.64 | 346.5 | 20                     | 10       | 28                    | 25       | 59                               | 40/20                | 12.77           |
| W1400†        | 14    | 357.6 | 15.59 | 396.0 | 18                     | 8        | 26                    | 23       | 80                               | 20                   | 13.50           |
| W1600†        | 16    | 408.4 | 17.72 | 450.0 | 12                     | 5        | 24                    | 20       | 95                               | 20                   | 16.00           |

#### NOTES:

- Service life may vary depending on operating conditions and type of material being conveyed.
- †Non-stock item, minimum order quantities apply. Contact Kuriyama Customer Service for details.

#### COMPLIANCES (for details see page 87)

**Phthalate Free (10), RoHS (11)**

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.