

TIGERFLEX TYPE "BW" PVC SUCTION HOSE

pg.1



Application

tigerflex BW SERIES

BW is a low temp PVC suction hose designed to stay flexible at sub-zero temperatures. For service in construction pumps, septic tank and marine pump out service, mining and quarry use. PVC is resistant to some chemicals, acids and alkalis. Suitable for full vacuum service in certain sizes. An economical alternative to rubber hose.



Construction

Tube- Smooth clear HMW PVC for sub-zero flexibility

Reinforcement- Blue PVC helix

Cover- Smooth clear HMW PVC for sub-zero flexibility. Convulcated cover on 5" and 6" for greater flexibility

Temperature Range

-40°C to +65°C (-40°F to +150°F)

Standard Lengths

100ft no cutting

| Parts No. | I.D. Inches | O.D. Inches | Max W.P. @ 70°F/20°C | Bend Radius | Vacuum Rating (in Hg) 68F | Approx. Wt. Per. Ft. Lbs. |
|-----------|-------------|-------------|-------------------------|-------------|------------------------------------|---------------------------------|
| BW075 | 3/4 | 1.01 | 115 | 3 | FULL | 0.190 |
| BW100 | 1 | 1.26 | 90 | 3 | FULL | 0.220 |
| BW125 | 1-1/4 | 1.56 | 90 | 4 | FULL | 0.360 |
| BW150 | 1-1/2 | 1.79 | 90 | 5 | FULL | 0.480 |
| BW200 | 2 | 2.35 | 90 | 7 | FULL | 0.620 |
| BW250 | 2-1/2 | 2.87 | 70 | 8 | FULL | 0.870 |
| BW300 | 3 | 3.43 | 65 | 10 | FULL | 1.230 |
| BW400 | 4 | 4.49 | 55 | 15 | FULL | 1.830 |
| BW500 | 5 | 5.57 | 45 | 25 | 28 | 2.420 |
| BW600 | 6 | 6.69 | 40 | 30 | 28 | 3.360 |

Working pressures are calculated at 70 degrees F (20 degrees C). Maximum working pressure decreases as temperature increases. Pressure ratings can only be achieved using proper coupling procedures. Bend radius is calculated at 70 degrees F (20 degrees C). Flexibility may vary at different temperatures. Please contact JJD if you have concerns regarding your application.



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JJ DOWNS INDUSTRIAL PLASTICS INC.



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see pg.2

BW Assembly

pg.2



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|---------------------|-------------|-------------|-------------------------|-------------|------------------------------------|---------------------------------|
| BW-1.5-CGAC-CNP-20 | 1-1/2 | 1.79 | 90 | 5 | FULL | 0.480 |
| BW-1.5-CGAC-CGAE-20 | 1-1/2 | 1.79 | 90 | 5 | FULL | 0.480 |
| BW-2-CGAC-CNP-20 | 2 | 2.35 | 90 | 7 | FULL | 0.620 |
| BW-2-CGAC-CGAE-20 | 2 | 2.35 | 90 | 7 | FULL | 0.620 |
| BW-3-CGAC-CNP-20 | 3 | 3.43 | 65 | 10 | FULL | 1.230 |
| BW-3-CGAC-CGAE-20 | 3 | 3.43 | 65 | 10 | FULL | 1.230 |
| BW-4-CGAC-CNP-20 | 4 | 4.49 | 55 | 15 | FULL | 1.830 |
| BW-4-CGAC-CGAE-20 | 4 | 4.49 | 55 | 15 | FULL | 1.830 |

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