

# WCV/BCV SERIES • Convoluted Hose with Multiple Layers of PTFE

## Construction

Jackson Industries WCV Series has a white, helical, convoluted inner tubing of multiple layers of PTFE, which is reinforced with PTFE-impregnated fiberglass and a stainless steel braid. The BCV series has a black, carbon filled, conductive inner tubing which serves to dissipate electrostatic charges. For high vacuum applications (HV) the hose is supported with a helical spring to resist collapse.



## Applications

- Chemical Transfer
- Acid Transfer
- Tire Mold Equipment
- Purified Water
- Reverse Osmosis Systems
- Fill Lines
- Air Compressors
- Waste Water & Slurry

## Benefits

- Very flexible, requiring very little force to deflect.
- Tightest or smallest bend radius.
- High working pressures.
- Light weight per foot.
- Full vacuum rating available.
- Temperature Rating: -65°F (-54°C) to +400°F (+230°C)

Part Number		Nominal Hose Size		Max. Working Pressure	Min. Burst Pressure	Vacuum Rating (HG)	Min. Bend Radius	Approx. Weight Per Foot
White	Black	I.D.	O.D.					
WCV-08	BCV-08	0.50"	0.82"	1000 PSI	4000 PSI	28"	1.0"	.20 lbs.
WCV-10	BCV-10	0.62"	0.91"	1000 PSI	4000 PSI	28"	2.0"	.26 lbs.
WCV-12	BCV-12	0.75"	1.07"	1000 PSI	4000 PSI	28"	2.5"	.33 lbs.
WCV-16	BCV-16	1.00"	1.34"	1000 PSI	4000 PSI	25"	3.0"	.43 lbs.
WCV-20	BCV-20	1.25"	1.57"	1000 PSI	4000 PSI	20"	6.2"	.53 lbs.
WCV-24	BCV-24	1.50"	1.81"	750 PSI	3000 PSI	12"	7.5"	.65 lbs.
WCV-32	BCV-32	2.00"	2.32"	500 PSI	1800 PSI	5"	10.0"	.73 lbs.
WCV-24HV	BCV-24HV	1.50"	1.85"	750 PSI	3000 PSI	Full	7.5"	.89 lbs.
WCV-32HV	BCV-32HV	2.00"	2.42"	500 PSI	2000 PSI	Full	10.0"	1.19 lbs.
WCV-48HV	BCV-48HV	3.00"	3.68"	200 PSI	1000 PSI	Full	15.0"	2.30 lbs.

All pressures and vacuum ratings calculated at 70°F.  
Please consult with factory on availability of larger sizes.