

## Construction

Jack-Chem has been custom engineered for lasting service in the most demanding applications. Jack-Chem starts with smooth, non-stick FDA approved\* material made of white or black conductive PTFE. Two plies of synthetic rubber reinforced with horizontal fabric braid are permanently bonded to the tube of Teflon®. A double steel wire helix is included to support the shape in full vacuum service applications and to prevent kinking. This provides a double grounding path for any buildup of electrical charge. The entire hose is protected by an abrasion resistant rubber cover that will not fade or discolor with age and is also weather resistant.

\*White PTFE material is FDA approved, black conductive material is not.



NEW - PFA & PTFE Liners now available

## Applications

- Chemical Transfer
- Acid Transfer
- Pharmaceutical Manufacturing
- Photo Emulsions
- Food Processing
- Large Diameter Smooth Bore
- Tank Truck
- Slurry/Waste

## Benefits

- Smooth bore up to 4" I.D.
- Less turbulence created by smooth bore provides better flow rates.
- Thermal insulation.
- Easily drained/steam cleanable.
- Feel of a rubber hose versus handling braided wire.
- Rated up to 550 PSI working pressure.
- Temperature Rating: -40°F (-40°C) to +250°F (+120°C)

Part Number	Nominal Hose Size		Maximum Working Pressure *	Minimum Burst Pressure	Vacuum Rating *	Minimum Bend Radius	Approximate Weight per Ft.	
	White	Black						I.D.
JC-08	JCB-08	0.50"	0.87"	550 PSI	2200 PSI	Full	3.0"	.33 lbs.
JC-12	JCB-12	0.75"	1.25"	450 PSI	1800 PSI	Full	3.5"	.60 lbs.
JC-16	JCB-16	1.00"	1.50"	450 PSI	1800 PSI	Full	4.0"	.73 lbs.
JC-24	JCB-24	1.50"	2.00"	400 PSI	1600 PSI	Full	8.5"	1.20 lbs.
JC-32	JCB-32	2.00"	2.50"	375 PSI	1500 PSI	Full	10.5"	1.45 lbs.
JC-48	JCB-48	3.00"	3.50"	175 PSI	700 PSI	Full	25.0"	2.40 lbs.
JC-64	JCB-64	4.00"	4.50"	150 PSI	600 PSI	Full	42.0"	3.55 lbs.

\* All pressures and vacuum ratings calculated at 70°F.