

# DENSE-PAC HOSE • Ultra High Pressure Hose PTFE



## Construction

The Jackson Dense-Pac (1000 Series) hose is constructed of an inner core of carbon black static dissipative PTFE. A multitude of stainless steel wires are braided together, forming a single braid of protection. In larger sizes (-12 through -24), an additional layer of braid is added between the PTFE inner core and the outer braid. The post-sintered tube increases its density, reducing effusion in pneumatic applications. For liquid and hydraulic applications, a non-sintered PTFE tube provides lower costs without sacrificing performance.

Fittings: Jackson's Dense-Pac comes standard with 300 series stainless steel JIC 37° female swivels. Jackson offers a wide selection of other styles for OEM and compressed gas applications.

## Applications

- High Temperature Hydraulics – Steel Mills
- High Pressure Chemical Transfer
- Two Part Reaction Injection Molding
- Hot Melt Glue (Boxes & Packaging)
- High Pressure Gas (Pigtail)
- Life Support System
- Oil Field Applications
- High Temperature Heated Hose Applications
- Urethane Transfer Applications

## Benefits

- Extreme high pressure hose.
- Smooth bore improves flow rates.
- Resists kinking in service.
- High durability and unlimited shelf life.
- Sizes up to 1-1/2" I.D.
- Lightweight with tight bend radius.
- Temperature Rating: -65°F (-54°C) to +400°F (+204°C).

**Please notify the factory if this hose will be used in a moisture-sensitive application.**

Part #	Nominal I.D.	Actual Size		Max. Working Pressure*	Test Pressure	Min. Burst Pressure*	High Temp. Burst Pressure	Min. Bend Radius	Approx. Weight Per. Foot
		I.D.	O.D.						
S-4DP	1/4"	.22"	.39"	5000 PSI	10000 PSI	16000 PSI	12000 PSI	1.50"	.10 lbs.
S-6DP	3/8"	.31"	.49"	5000 PSI	10000 PSI	16000 PSI	12000 PSI	2.50"	.16 lbs.
S-8DP	1/2"	.40"	.62"	5000 PSI	10000 PSI	16000 PSI	12000 PSI	2.88"	.23 lbs.
S-10DP	5/8"	.50"	.73"	5000 PSI	10000 PSI	16000 PSI	12000 PSI	3.25"	.32 lbs.
S-12DP	3/4"	.62"	.99"	5000 PSI	10000 PSI	16000 PSI	12000 PSI	3.88"	.66 lbs.
S-16DP	1"	.87"	1.27"	5000 PSI	10000 PSI	16000 PSI	9000 PSI	5.00"	1.02 lbs.
S-20DP	1-1/4"	1.12"	1.66"	5000 PSI	10000 PSI	16000 PSI	9000 PSI	12.00"	1.85 lbs.
S-24DP	1-1/2"	1.38"	1.90"	4000 PSI	8000 PSI	12000 PSI	9000 PSI	14.00"	1.91 lbs.

\*Minimum burst pressures calculated at 70°F. \*Non-Impulse Applications. For impulse applications, working pressure is 3000 PSI. High temperature pressures calculated at 400°F; working pressure drops to 3000 PSI. Please contact the factory. For gas and breathing air applications specify DP post-sintered hose only.