

## 821 Multipurpose



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Vacuum Rating		Field Attachable 82 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	inches of Hg	kPa	
821-4	1/4	6,3	0.50	12,7	350	2,4	2-1/2	64	0.06	0,09	28	95	•
821-6	3/8	10	0.63	15,9	300	2,1	3	76	0.09	0,13	28	95	•
821-8	1/2	12,5	0.78	19,8	300	2,1	5	127	0.12	0,18	28	95	•
821-10	5/8	16	0.91	23,0	250	1,7	6	152	0.19	0,28	28	95	•
821-12	3/4	19	1.03	26,2	250	1,7	7	178	0.21	0,31	28	95	•

**Application:** Pneumatic, petroleum base hydraulic fluid, lubricating oils and antifreeze solutions.

**Inner Tube:** Synthetic rubber.

**Reinforcement:** One fiber braid.

**Cover:** Fiber braid.

**Temperature Range:**

**Air:** +158°F (+70°C)

**Water:** +185°F (+85°C)

**Oil:** -40°F to +212°F  
(-40°C to +100°C).

**Fittings:** 82 Series - pg. B-164.

## 821FR Multipurpose – Fire Resistant Cover

Available Cover Colors: WHT BRN BLU GRN BLK



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Vacuum Rating		Field Attachable 82 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	inches of Hg	kPa	
821FR-4	1/4	6,3	0.50	12,7	350	2,4	2-1/2	64	0.08	0,12	28	95	•
821FR-6	3/8	10	0.63	15,9	300	2,1	3	76	0.11	0,16	28	95	•
821FR-8	1/2	12,5	0.78	19,8	300	2,1	5	127	0.12	0,18	28	95	•
821FR-12	3/4	19	1.03	26,2	250	1,7	7	178	0.22	0,33	28	95	•

**Application:** Pneumatic, petroleum base hydraulic fluid, lubricating oils and antifreeze solutions.

**Inner Tube:** PKR®

**Reinforcement:** One fiber braid.

**Cover:** Fire resistant fiber braid.

**Hose cover colors include:** White, Brown, Blue, Green, and Black.

**Temperature Range:**

**Air:** +212°F (+100°C)

**Water:** +185°F (+85°C)

**Oil:** -40°F to +212°F  
(-40°C to +100°C).

**Fittings:** 82 Series - pg. B-164.

## 831 Multipurpose – Heavy Duty

Available Cover Colors: RED BLU GRN BLK



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Vacuum Rating		Field Attachable 82 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	inches of Hg	kPa	
831-4	1/4	6,3	0.50	12,7	350	2,4	2-1/2	65	0.09	0,13	28	95	•
831-6	3/8	10	0.63	16	300	2,0	3	75	0.11	0,16	28	95	•
831-8	1/2	12,5	0.78	20	300	2,0	5	125	0.18	0,27	28	95	•
831-10	5/8	16	0.91	23	300	2,0	6	150	0.19	0,28	15	51	•
831-12	3/4	19	1.03	26	300	2,0	7	180	0.24	0,36	15	51	•

**Application:** Pneumatic, petroleum base hydraulic fluid, lubricating oils and antifreeze solutions.

**Inner Tube:** Synthetic rubber.

**Reinforcement:** One fiber braid.

**Cover:** Synthetic rubber, MSHA accepted.

**Hose cover colors include:** Red, Blue, Green, and Black.

**Temperature Range:**

**Air:** +158°F (+70°C)

**Water:** +185°F (+85°C)

**Oil:** -40°F to +212°F  
(-40°C to +100°C).

**Fittings:** 82 Series - pg. B-164.

- Field Attachable Assembly Instructions are in Section B with each Fitting Series.
- Push-Lok is not recommended for any fuel, refrigerant, or for use in air conditioners and heat pump applications.
- Push-Lok is not recommended for applications where extreme pulsation is encountered.
- See Section B for Assembly Instructions.
- Temperature Range of other media listed in Section E.