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## SS25UL

Liquefied Petroleum Gas Hose  
UL Listed for LPG Service  
UL Standard 21



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
SS25UL-4	3/16	5	0.52	13	350	2,4	1750	12	3/4	20	0.11	0,16			20, 22	B-131,B-167
SS25UL-5	1/4	6,3	0.58	15	350	2,4	1750	12	1	25	0.13	0,19			20, 22	B-131,B-167
SS25UL-6	5/16	8	0.68	17	350	2,4	1750	12	1-1/4	30	0.18	0,27			20, 22	B-131,B-167
SS25UL-8	13/32	10	0.77	20	350	2,4	1750	12	1-3/4	45	0.21	0,31			20, 22	B-131,B-167
SS25UL-10	1/2	12,5	0.92	23	350	2,4	1750	12	2-1/4	55	0.29	0,43			20, 22	B-131,B-167
SS25UL-12	5/8	16	1.08	27	350	2,4	1750	12	2-3/4	70	0.37	0,55			20, 22	B-131,B-167

**Construction:** Synthetic rubber tube; textile inner braid, stainless steel wire braid reinforcement; black textile braid cover with white helical identification stripe.

**Application and Temperature Range:**

Liquefied petroleum gas (LPG) within a temperature range of -40°F to +257°F (-40°C to +125°C).

**Fittings:** Field Attachable 20 Series and 22 Series. See Section B for assembly instructions.

## 201/261

SAE 100R5 SAE J1402 All  
D.O.T. FMVSS 106 All - Air Brake Hose



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		UHg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Inches of Hg	kPa	Series	Page	Series	Page
201/261-4	3/16	5	0.52	13	3000	20,7	12000	83	3	75	0.15	0,22	28	6	26	B-5	20,22	B-131,B-167
201/261-5	1/4	6,3	0.58	15	3000	20,7	12000	83	3-3/8	85	0.18	0,27	28	6	26	B-5	20,22	B-131,B-167
201/261-6	5/16	8	0.68	17	2250	15,5	9000	62	4	100	0.23	0,34	28	6	26	B-5	20,22	B-131,B-167
201/261-8	13/32	10	0.77	20	2000	13,8	8000	55	4-5/8	120	0.27	0,40	28	6	26	B-5	20,22	B-131,B-167
201/261-10	1/2	12,5	0.92	23	1750	12,0	7000	48	5-1/2	140	0.37	0,55	28	6	26	B-5	20,22	B-131,B-167
201/261-12	5/8	16	1.08	27	1500	10,3	6000	41	6-1/2	165	0.46	0,68	28	6	26	B-5	20,22	B-131,B-167
201/261-16	7/8	22	1.23	31	800	5,5	3200	22	7-3/8	185	0.46	0,68	20	33	26	B-5	20,22	B-131,B-167
201/261-20	1-1/8	29	1.50	38	625	4,3	2500	17	9	230	0.51	0,76	20	33	26	B-5	20,22	B-131,B-167
201/261-24	1-3/8	35	1.75	44	500	3,5	2000	14	10-1/2	265	0.68	1,01	15	50	26	B-5	20,22	B-131,B-167
201/261-32	1-13/16	46	2.22	56	350	2,4	1400	10	13-1/4	335	0.89	1,32	11	64	26	B-5	20,22	B-131,B-167
201-40	2-3/8	60	2.88	73	350	2,4	1400	10	24	610	1.31	1,95	11	64	26	B-5	20,22	B-131,B-167
201-48	3	76	3.56	90	200	1,4	800	6	33	840	2.09	3,11	11	64				

**Construction:** Synthetic rubber tube; textile inner braid, high tensile steel wire braid reinforcement; textile braid cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils, diesel fuels, crude fuel, oils and anti-freeze solutions within a temperature range of -40°F to +302°F (-40°C to +150°C). The maximum working pressures shown in the table are for service up to maximum temperature of +212°F (+100°C). For use at higher temperatures, consult the pressure/temperature curve in Section G for the reduced maximum working pressure.

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C).

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

**Fittings:** Parkrimp 26 Series—see Section C for assembly instructions. Field Attachable 20 Series and 22 Series (Mandrel)—see Section B for assembly instructions.

+ Non Standard

**206 PKR®**  
SAE 100R5 SAE J1402 All  
D.O.T. FMVSS 106 All - Air Brake Hose



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Inches of Hg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	of Hg	kPa	Series	Page	Series	Page
	206-4	3/16	5	0.52	13	3000	20,7	12000	83	3	75	0.15	0,22	28	6	26	B-5	20, 22
206-5	1/4	6,3	0.58	15	3000	20,7	12000	83	3-3/8	85	0.18	0,27	28	6	26	B-5	20, 22	B-131, B-167
206-6	5/16	8	0.68	17	2250	15,5	9000	62	3-1/2	90	0.23	0,34	28	6	26	B-5	20, 22	B-131, B-167
206-8	13/32	10	0.77	20	2000	13,8	8000	55	3-1/2	90	0.27	0,40	28	6	26	B-5	20, 22	B-131, B-167
206-10	1/2	12,5	0.92	23	1750	12,0	7000	48	4	100	0.37	0,55	28	6	26	B-5	20, 22	B-131, B-167
206-12	5/8	16	1.08	27	1500	10,3	6000	41	4	100	0.46	0,68	28	6	26	B-5	20, 22	B-131, B-167
206-16	7/8	22	1.23	31	800	5,5	3200	22	4	100	0.46	0,68	20	33	26	B-5	20, 22	B-131, B-167
206-20	1-1/8	29	1.50	38	625	4,3	2500	17	5-1/2	140	0.51	0,76	20	33	26	B-5	20, 22	B-131, B-167
206-24	1-3/8	35	1.75	44	500	3,5	2000	14	7-1/2	190	0.68	1,01	15	50	26	B-5	20, 22	B-131, B-167
206-32	1-13/16	46	2.22	56	350	2,4	1400	10	13-1/4	335	0.89	1,32	11	64	26	B-5	20, 22	B-131, B-167
206-40	2-3/8	60	2.88	73	350	2,4	1400	10	24	610	1.31	1,95	11	64	26	B-5	20, 22	B-131, B-167

**Construction:** PKR® elastomer tube; textile inner braid, high tensile steel wire braid reinforcement; blue textile braid cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils, diesel fuels, crude and fuel oils and anti-freeze solutions within a temperature range of -55°F to +302°F (-48°C to +150°C). The maximum working pressures shown in the table are for service up to maximum temperature of +212°F (+100°C). For use at higher temperatures, consult the pressure/temperature curve in Section G for the reduced maximum working pressure.

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C).

Air within a temperature range of -40°F to +212°F (-40°C to +100°C).

**Fittings:** Parkrimp 26 Series. See Section C for assembly instructions. Field Attachable 20 Series and 22 Series (Mandrel). See Section B for assembly instructions.

+ Non Standard

**213 PKR®**  
SAE J1402 AI  
D.O.T. FMVSS 106 AI - Air Brake Hose



Hose  
Low  
Pressure  
**A**

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		UHg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Inches of Hg	kPa	Series	Page	Series	Page
	213-4	3/16	5	0.49	12	2000	13,8	8000	55	3/4	20	0.12	0,18	28	6	26	B-5	21,23
213-5	1/4	6,3	0.55	14	1500	10,3	6000	41	1	25	0.14	0,21	28	6	26	B-5	21,23	B-153,B-173
213-6	5/16	8	0.62	16	1500	10,3	6000	41	1-1/4	30	0.17	0,25	28	6	26	B-5	21,23	B-153,B-173
213-8	13/32	10	0.74	19	1250	8,6	5000	34	1-3/4	45	0.20	0,30	28	6	26	B-5	21,23	B-153,B-173
213-10	1/2	12,5	0.83	21	1000	6,9	4000	28	2-1/4	55	0.22	0,33	28	6	26	B-5	21,23	B-153,B-173
213-12	5/8	16	0.96	24	750	5,2	3000	21	2-3/4	70	0.24	0,36	28	6	26	B-5	21,23	B-153,B-173
213-16	7/8	22	1.21	31	400	2,8	1600	11	3-1/2	90	0.30	0,45	20	33	26	B-5	21,23	B-153,B-173
213-20	1-1/8	29	1.49	38	300	2,0	1200	8	4-1/2	115	0.44	0,65	20	33	26	B-5	21,23	B-153,B-173
213-24	1-3/8	35	1.72	44	300	2,0	1200	8	7-1/2	190	0.52	0,77	15	50	26	B-5	21,23	B-153,B-173
213-32	1-13/16	46	2.14	54	200	1,4	800	6	14	355	0.67	1,00	11	64	26	B-5	21,23	B-153,B-173
213-40+	2-3/8	60	2.88	73	175	1,2	700	5	24	610	1.31	1,95	11	64			20,22	B-131,B-167
213-48+	3	76	3.56	90	150	1,0	600	4	33	840	2.09	3,11	11	64				

**Construction:** PKR® elastomer tube; textile reinforcement, high tensile steel wire braid reinforcement; black textile braid cover identified by two longitudinal green stripes.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils, diesel fuels, crude, fuel oils and anti-freeze solutions within a temperature range of -40°F to +302°F (-40°C to +150°C). The maximum working pressures shown in the table are for service up to maximum temperature of +212°F (+100°C). For use at higher temperatures, consult the pressure/temperature curve in Section G for the reduced maximum working pressure.

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C).

Air within a temperature range of -40°F to +212°F (-40°C to +100°C).

**Fittings:** Parkrimp 26 Series. See Section C for assembly instructions.

**221FR Fire Resistant**  
**Marine Fuel & Engine Hose**  
Meets SAE J1527 Type A1, SAE J1942



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		UHg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Inches of Hg	kPa	Series	Page	Series	Page
	221FR-5	1/4	6,3	0.58	15	500	3,5	2000	14	1	25	0.19	0,28	20	33	26	B-5	20,22
221FR-6	5/16	8	0.68	17	500	3,5	2000	14	1-1/4	30	0.23	0,34	20	33	26	B-5	20,22	B-131,B-167
221FR-8	13/32	10	0.77	20	500	3,5	2000	14	1-3/4	45	0.28	0,42	20	33	26	B-5	20,22	B-131,B-167
221FR-10	1/2	12,5	0.92	23	500	3,5	2000	14	2-1/4	55	0.39	0,58	20	33	26	B-5	20,22	B-131,B-167
221FR-12	5/8	16	1.08	27	500	3,5	2000	14	2-3/4	70	0.47	0,70	20	33	26	B-5	20,22	B-131,B-167
221FR-16	7/8	22	1.23	31	500	3,5	2000	14	3-1/2	90	0.41	0,61	20	33	26	B-5	20,22	B-131,B-167

**Construction:** Fuel and oil-resistant synthetic rubber tube, one braid of high-tensile steel wire, and oil, weather, MSHA accepted and fire resistant synthetic blue, rubber cover. Layline is embossed for permanent identification.

**Application and Temperature Range:**

Gasoline, ethanol blends, diesel fuels, petroleum-base hydraulic fluids and lubricating oils within a temperature range of -4°F to +212°F (-20°C to +100°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C).

Meets Class 1 permeation requirements with gasoline and gasoline/ethanol blend and 2-1/2 minute fire test. USCG accepted for commercial and recreational vessel applications.

**Fittings:** Parkrimp 26 Series. See Section C for assembly instructions. Field Attachable 20 Series and 22 Series (Mandrel). See Section B for assembly instructions.

## 225 Hydraulic Hose SAE 100R5 Type with Rubber Cover



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		UHg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Inches of Hg	kPa	Series	Page	Series	Page
	225-4	3/16	5	0.52	13	3000	20,7	12000	83	3	75	0.15	0,22	28	6	26	B-5	20,22
225-5	1/4	6,3	0.58	15	3000	20,7	12000	83	3-3/8	85	0.18	0,27	28	6	26	B-5	20,22	B-131,B-167
225-6	5/16	8	0.68	17	2250	15,5	9000	62	4	100	0.23	0,34	28	6	26	B-5	20,22	B-131,B-167
225-8	13/32	10	0.77	20	2000	13,8	8000	55	4-5/8	120	0.27	0,40	28	6	26	B-5	20,22	B-131,B-167
225-10	1/2	12,5	0.92	23	1750	12,0	7000	48	5-1/2	140	0.37	0,55	28	6	26	B-5	20,22	B-131,B-167
225-12	5/8	16	1.08	27	1500	10,3	6000	42	6-1/2	165	0.46	0,68	28	6	26	B-5	20,22	B-131,B-167
225-16	7/8	22	1.23	31	800	5,5	3200	22	7-3/8	185	0.46	0,68	20	34	26	B-5	20,22	B-131,B-167
225-20	1-1/8	29	1.50	38	625	4,3	2500	17	9	230	0.51	0,76	20	34	26	B-5	20,22	B-131,B-167
225-24	1-3/8	35	1.75	44	500	3,5	2000	14	10-1/2	265	0.68	1,01	15	50	26	B-5	20,22	B-131,B-167
225-32	1-13/16	46	2.22	56	350	2,4	1400	10	13-1/4	335	0.89	1,32	11	64	26	B-5	20,22	B-131,B-167

**Construction:** Synthetic rubber tube; textile braid, high tensile steel wire braid reinforcement, textile braid; MSHA accepted synthetic rubber cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils, diesel fuels, crude and fuel oils within a temperature range of -40°F to +212°F (-40°C to +100°C).

Water, water/oil emulsion, and water/glycol hydraulic fluids and anti-freeze solutions up to +185°F (+85°C).

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air applications above 250 PSI (1,7 MPa), the hose cover should be pin-pricked.

**Fittings:** Parkrimp 26 Series. See Section C for assembly instructions. Field Attachable 20 Series and 22 Series (Mandrel). See Section B for assembly instructions.

+ Non Standard

## 235 Refrigerant and Hydraulic Hose SAE J51 Type D



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		UHg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Inches of Hg	kPa	Series	Page	Series	Page
	235-16	7/8	22	1.23	31	350	2,4	1750	12	7-3/8	185	0.31	0,46	15	50	26	B-5	20,22

**Construction:** Nylon tube; one ply or more of textile braid reinforcement; synthetic rubber cover pin-pricked to prevent formation of blisters.

**Application and Temperature Range:**

Refrigerant 12, 13, and 22; and petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +257°F (-40°C to +125°C).

Phosphate ester based hydraulic fluids within a temperature range of -40°F to +93°F (-40°C to +125°C);

Water, water/oil emulsion and water/glycol hydraulic fluids up to +185°F (+85°C);

Air up to +158°F (+70°C).

**Fittings:** Parkrimp 26 Series. See Section C for assembly instructions. Field Attachable 20 Series and 22 Series. See Section B for assembly instructions.

244

Refrigerant 134a Hose  
SAE J2064 Type B Class 1



Hose  
Low  
Pressure  
**A**

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
244-16	7/8	22,0	1.26	31,9	350	2,4	1750	12,0	7-1/2	190	0.494	0,735	26	B-5		
244-20	1-1/8	28,6	1.47	37,3	350	2,4	1750	12,0	9	230	0.603	0,896	26	B-5		

**Construction:** Butyl synthetic rubber inner tube, single wire braid reinforcement, and an oil-, mildew-, and weather-resistant, synthetic-rubber impregnated, black fiber cover.

**Application and Temperature Range:**

Designed for use with refrigerant 134a within a temperature range of -22°F to +257°F (-30°C to +125°C);

**Fittings:** Parkrimp 26 Series. See Section C for assembly instructions.

266 PKR®

SAE 100R5 SAE J1402 All  
D.O.T. FMVSS 106 All - Air Brake Hose



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Hg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Inches of Hg	kPa	Series	Page	Series	Page
266-4	3/16	5	0.52	13	2000	13,8	8000	55	3/4	20	0.15	0,22	28	6	26	B-5	20,22	B-131,B-167
266-5	1/4	6,3	0.58	15	1500	10,3	6000	41	1	25	0.16	0,24	28	6	26	B-5	20,22	B-131,B-167
266-6	5/16	8	0.68	17	1500	10,3	6000	41	1-1/4	30	0.23	0,34	28	6	26	B-5	20,22	B-131,B-167
266-8	13/32	10	0.77	20	1250	8,6	5000	35	1-3/4	45	0.26	0,39	28	6	26	B-5	20,22	B-131,B-167
266-10	1/2	12,5	0.92	23	1250	8,6	5000	35	2-1/4	55	0.38	0,56	28	6	26	B-5	20,22	B-131,B-167
266-12	5/8	16	1.08	27	750	5,2	3000	21	2-3/4	70	0.48	0,71	20	33	26	B-5	20,22	B-131,B-167
266-16	7/8	22	1.23	31	400	2,7	1600	11	3-1/2	90	0.48	0,71	15	50	26	B-5	20,22	B-131,B-167
266-20	1-1/8	29	1.50	38	300	2,0	1200	8	4-1/2	115	0.51	0,76	15	50	26	B-5	20,22	B-131,B-167
266-24	1-3/8	35	1.75	44	250	1,7	1000	7	5-1/2	140	0.68	1,01	11	64	26	B-5	20,22	B-131,B-167

**Construction:** PKR® elastomer tube; textile inner braid, high tensile steel wire braid reinforcement; black textile braid cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils, diesel fuels, crude, fuel oils and anti-freeze solutions within a temperature range of -55°F to +302°F (-48°C to +150°C). The maximum working pressures shown in the table are for service up to maximum temperature of +212°F (+100°C). For use at higher temperatures, consult the pressure/temperature curve in Section G for the reduced maximum working pressure.

Water, water/oil emulsion, and water/glycol hydraulic fluids solutions up to +185°F (+85°C).

Air within a temperature range of -40°F to +212°F (-40°C to +100°C).

**Fittings:** Parkrimp 26 Series. See Section C for assembly instructions. Field Attachable 20 Series and 22 Series (Mandrel). See Section B for assembly instructions.

+ Non Standard

## 285

### Air Conditioning and Refrigerant Hose SAE J2064 Type C, Class I



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
285-4	3/16	5	0.49	12	400	2,7	2000	14	1	25	0.09	0.14	26	B-5	21,23	B-153,B-173
285-6	5/16	8	0.62	16	400	2,7	2000	14	1-1/2	40	0.12	0.18	26	B-5	21,23	B-153,B-173
285-8	13/32	10	0.74	19	400	2,7	2000	14	2	50	0.17	0.25	26	B-5	21,23	B-153,B-173
285-10	1/2	12	0.83	21	400	2,7	2000	14	2-1/2	65	0.18	0.27	26	B-5	21,23	B-153,B-173
285-12	5/8	16	0.96	24	400	2,7	2000	14	3	75	0.23	0.34	26	B-5	21,23	B-153,B-173

**Construction:** The hose has a nylon barrier between two elastomeric layers, a fabric braid reinforcement and a heat and ozone resistant elastomer cover.

**Application and Temperature Range:**

Refrigerant 12, 134a, and 22 within a temperature range of -22°F to +257°F (-30°C to +125°C).

**Fittings:** Parkrimp 26 Series—See Section C for Parkrimp assembly instructions. Field Attachable 21 Series and 23 Series (Mandrel)—see Section B for assembly instructions.

## 293

### Engine & Air Brake Hose SAE J1402 AI D.O.T. FMVSS 106-AI Air Brake Hose



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Hg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Inches of Hg	kPa	Series	Page	Series	Page
293-4	3/16	5	0.49	12	500	3.5	2000	13.8	1/2	15	0.10	0.15	28	6	26	B-5	21,23	B-153,B-173
293-5+	1/4	6,3	0.55	14	500	3.5	2000	13.8	3/4	20	0.12	0.18	28	6	26	B-5	21,23	B-153,B-173
293-6	5/16	8	0.62	16	500	3.5	2000	13.8	1	25	0.15	0.22	28	6	26	B-5	21,23	B-153,B-173
293-8	13/32	10	0.74	19	500	3.5	2000	13.8	1-1/2	40	0.18	0.27	28	6	26	B-5	21,23	B-153,B-173
293-10	1/2	12,5	0.83	21	450	3.1	1800	12.4	2	50	0.20	0.30	28	6	26	B-5	21,23	B-153,B-173
293-12	5/8	16	0.96	24	450	3.1	1800	12.4	2-1/2	65	0.22	0.33	28	6	26	B-5	21,23	B-153,B-173
293-16	7/8	22	1.21	31	250	3.1	1000	12.4	3-1/2	85	0.25	0.37	20	33	26	B-5	21,23	B-153,B-173

**Construction:** Synthetic rubber tube; one braid of fiber reinforcement; an entangled filament black nylon fiber outer braid that is oil, weather, and abrasion resistant.

**Application and Temperature Range:**

Petroleum-base hydraulic fluids and lubricating oils, diesel fuels and antifreeze solutions within a temperature range of -58°F to +302°F (-50°C to +150°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +212°F (-40°C to +100°C).

**Fittings:** Parkrimp 26 Series. See Section C for assembly instructions. Field Attachable 21 Series and 23 Series. See Section B for assembly instructions.

+ Non Standard



## 801 General Purpose Hose

For use with "Push-Lok" Fittings



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		UHg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Inches of Hg	kPa	Series	Page	Series	Page
	801-4	1/4	6,3	0.50	13	250	1,7	1000	7	2-1/2	65	0.09	0,13	28	6			82
801-6	3/8	10	0.63	16	250	1,7	1000	7	3	75	0.11	0,16	28	6			82	B-233
801-8	1/2	12,5	0.78	20	250	1,7	1000	7	5	130	0.18	0,27	28	6			82	B-233
801-10	5/8	16	0.91	23	250	1,7	1000	7	6	150	0.19	0,28	15	51			82	B-233
801-12	3/4	19	1.03	26	250	1,7	1000	7	7	180	0.24	0,36	15	51			82	B-233
801-16	1	25	1.28	33	175	1,2	700	4.8	10	250	0.55	0,37	15	51			82	B-233

**Construction:** Synthetic rubber tube; one textile braid reinforcement; MSHA synthetic rubber cover. Furnished in gray, red, yellow, black, green or blue. (Current inventory does not include 801-16-YEL or 801-16-GRN.)

**Application and Temperature Range:**

Widely used for shop air systems and general industrial, maintenance and automotive applications.  
Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C);  
Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);  
Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

**Fittings:** Push-Lok 82 Series. See Section B for assembly instructions.

**Note:** Color code: Gray-GRA, Red-RED, Yellow-YEL, Black-BLK, Green-GRN and Blue-BLU. Specify color when ordering.  
Example: For 801 3/8" I.D. blue hose, the part number is 801-6-BLU. If no color is specified, 801 Gray will be supplied.

## 804 Air and Water Hose

For use with "Push-Lok" Fittings



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		UHg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Inches of Hg	kPa	Series	Page	Series	Page
	804-4	1/4	6,3	0.50	13	125	0,9	500	3,4	2-1/2	65	0.09	0,13	28	6			82
804-6	3/8	10	0.63	16	125	0,9	500	3,4	3	75	0.11	0,16	28	6			82	B-233
804-8	1/2	12,5	0.78	20	125	0,9	500	3,4	5	130	0.18	0,27	28	6			82	B-233
804-12	3/4	19	1.03	26	125	0,9	500	3,4	7	180	0.24	0,36	15	50			82	B-233

**Construction:** Inner tube of EPDM synthetic rubber, a single fiber braid reinforcement and a black EPDM synthetic rubber cover.

**Application and Temperature Range:** Parker 804 Push-Lok Hose was specifically designed for dry air systems. Instead of lubricating the air at the air compressor, dry air systems have FRLs installed at the tool connection. This is required for applications utilizing pneumatic cylinders with special lubrication within the cylinder. Dry air is required to prevent contamination of the lubricant within the cylinder. Dry air systems may also be found in painting areas. Lubrication or humidity within the air can cause flaws in the paint finish.

Another application for 804 Push-Lok Hose is low pressure coolant lines on injection molding machines and in metal fabrication where it can be used with water and water/glycol up to +200°F (+93°C).

804 Push-Lok Hose can also be used as a low pressure drain or return hose line with phosphate ester fluids.

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +200°F (+93°C)

Air up to 158°F (+70°C), including dry air systems.

Phosphate ester fluids up to +176°F (+80°C).

**Fittings:** Push-Lok 82 Series. See Section B for assembly instructions.

**Special Assembly Instruction for 804 Hose:** Do not allow tube to contact any petroleum base fluids. Use liquid soap as hose lubricant.

**Note:** Push-Lok hose is recommended for vacuum applications but not for cooling lines in air conditioners and heat pumps, nor for hydraulic applications where extreme pulsations are encountered. Push-Lok is not recommended for any fuel.

+ Non Standard

## 821 General Purpose Hose

For use with "Push-Lok" Fittings



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		UHg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Inches of Hg	kPa	Series	Page	Series	Page
	821-4	1/4	6,3	0.50	13	350	2,4	1400	10	2-1/2	65	0.06	0,09	28	6			82
821-6	3/8	10	0.63	16	300	2,0	1200	8	3	75	0.09	0,13	28	6			82	B-233
821-8	1/2	12,5	0.78	20	300	2,0	1200	8	5	130	0.12	0,18	28	6			82	B-233
821-10	5/8	16	0.91	23	250	1,7	1000	7	6	150	0.19	0,28	28	6			82	B-233
821-12	3/4	19	1.03	26	250	1,7	1000	7	7	180	0.21	0,31	28	6			82	B-233

**Construction:** Synthetic rubber tube; one textile braid reinforcement; textile braid cover.

**Application and Temperature Range:**

Widely used for shop air systems and general industrial, maintenance and automotive applications.

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

**Fittings:** Push-Lok 82 Series. See Section B for assembly instructions.

## 821FR General Purpose Hose

Fire Resistant Fiber Covered  
For use with "Push-Lok" Fittings



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		UHg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Inches of Hg	kPa	Series	Page	Series	Page
	821FR-4	1/4	6,3	0.50	13	350	2,4	1400	10	2-1/2	65	0.08	0,12	28	6			82
821FR-6	3/8	10	0.63	16	300	2,0	1200	8	3	75	0.11	0,16	28	6			82	B-233
821FR-8	1/2	12,5	0.78	20	300	2,0	1200	8	5	130	0.12	0,18	28	6			82	B-233
821FR-12	3/4	19	1.03	26	250	1,7	1000	7	7	180	0.22	0,33	28	6			82	B-233

**Construction:** Synthetic rubber tube; one textile braid reinforcement; fire resistant fiber cover. Colors: Furnished in black, blue, brown, green or white cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

**Fittings:** Push-Lok 82 Series. See Section B for assembly instructions.

**Note:** Color code: White-WHT, Brown-BRN, Black-BLK, Green-GRN and Blue-BLU. Specify color when ordering. Example: For 821FR 3/8" I.D. blue hose, the part number is 821FR-6-BLU.

**Note:** Push-Lok hose is recommended for vacuum applications but not for cooling lines in air conditioners and heat pumps, nor for hydraulic applications where extreme pulsations are encountered. Push-Lok is not recommended for any fuel.

+ Non Standard

## 831 General Purpose Hose

For use with "Push-Lok" Fittings



Hose  
Low  
Pressure  
**A**

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		UHg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	inches of Hg	kPa	Series	Page	Series	Page
	831-4	1/4	6,3	0.50	13	350	2,4	1400	10	2-1/2	65	0.09	0,13	28	6			82
831-6	3/8	10	0.63	16	300	2,0	1200	8	3	75	0.11	0,16	28	6			82	B-233
831-8	1/2	12,5	0.78	20	300	2,0	1200	8	5	130	0.18	0,27	28	6			82	B-233
831-10	5/8	16	0.91	23	300	2,0	1200	8	6	150	0.19	0,28	15	50			82	B-233
831-12	3/4	19	1.03	26	300	2,0	1200	8	7	180	0.24	0,36	15	50			82	B-233

**Construction:** Synthetic rubber tube; one textile braid reinforcement; MSHA accepted synthetic rubber cover. Furnished in black, blue, green, or red.

**Application and Temperature Range:**

Widely used for shop air systems and general industrial, maintenance and automotive applications.

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

**Fittings:** Push-Lok 82 Series. See Section B for assembly instructions.

**Note:** Color code: Red-RED, Green-GRN and Blue-BLU. Specify color when ordering. Example: For 831 3/8" I.D. blue hose, the part number is 831-6-BLU. If no color is specified, 831 Black will be supplied.

## 836 General Purpose Hose PKR®

For High-Temperature use with "Push-Lok" Fittings



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		UHg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	inches of Hg	kPa	Series	Page	Series	Page
	836-4	1/4	6,3	0.50	13	250	1,7	1000	7	2-1/2	65	0.09	0,13	28	6			82
836-6	3/8	10	0.63	16	250	1,7	1000	7	3	75	0.11	0,16	28	6			82	233
836-8	1/2	12,5	0.78	20	250	1,7	1000	7	5	125	0.18	0,27	28	6			82	233
836-10	5/8	16	0.91	23	250	1,7	1000	7	6	150	0.19	0,28	15	50			82	233

**Construction:** PKR® elastomer tube; one textile braid reinforcement; MSHA accepted blue synthetic rubber cover with embossed layline.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -55°F to +302°F (-48°C to +150°C);

Water, water/glycol and water/oil emulsion hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

**Fittings:** Push-Lok 82 Series. See Section B for assembly instructions.

**Note:** Push-Lok hose is recommended for vacuum applications but not for cooling lines in air conditioners and heat pumps, nor for hydraulic applications where extreme pulsations are encountered. Push-Lok is not recommended for any fuel.

+ Non Standard

**811 SAE 100R4**  
Hydraulic Suction and Return Line Hose  
1/2 SAE 100R4 Specified Bend Radius



#	Hose I.D.		Hose O.D.		Working Pressure				Burst Pressure				Minimum Bend Radius		Weight		Inches of Hg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	43/88HC-H		88HC		43/88HC-H		88HC		inch	mm	lbs/ft	kg/m	of Hg	kPa	Series	Page	Series	Page
	Number				psi	Mpa	psi	MPa	psi	MPa	psi	MPa	inch	mm								
811-12	3/4	19	1.18	30	300	2,1	100	0,70	1200	8	400	2,8	2-1/2	65	0,42	0,63	25	17			88	B-257
811-16	1	25	1.50	38	250	1,7	70	0,50	1000	7	280	1,9	3	75	0,65	0,96	25	17			88	B-257
811-20	1-1/4	31,5	1.77	45	200	1,4	50	0,35	800	6	200	1,4	4	100	0,82	1,22	25	17			88	B-257
811-24	1-1/2	38	2.05	52	150	1	50	0,35	600	4	200	1,4	5	130	1,04	1,55	25	17			88	B-257
811-32	2	51	2.50	64	100	0,7	50	0,35	400	3	200	1,4	6	150	1,26	1,87	25	17			88	B-257
811-40	2-1/2	63	3.01	76	62	0,45	62	0,45	250	1,7	250	1,7	7	180	1,64	2,45	25	17			88	B-257

**Construction:** Synthetic rubber inner tube, spiral fabric reinforcement, helical reinforcing wire, and an oil and weather resistant black synthetic rubber cover.

**Application and Temperature Range:**

Petroleum-base hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C).

Water, water/glycol and water/oil emulsion hydraulic fluids up to +185°F (+85°C).

Air up to +158°F (+70°C).

**Fittings:** Field Attachable 88 Series. See Section B for Field Attachable fitting assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

**881 SAE 100R4**  
Hydraulic Suction and Return Line Hose



#	Hose I.D.		Hose O.D.		Working Pressure				Burst Pressure				Minimum Bend Radius		Weight		Inches of Hg		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	43/88HC-H		88HC		43/88HC-H		88HC		inch	mm	lbs/ft	kg/m	of Hg	kPa	Series	Page	Series	Page
	Number				psi	Mpa	psi	MPa	psi	MPa	psi	MPa	inch	mm								
881-12	3/4	19	1.20	30	300	2,1	100	0,7	1200	8	400	2,8	5	130	0,50	0,74	28	6	43	B-25	88	B-257
881-16	1	25	1.49	38	250	1,7	70	0,5	1000	7	280	1,9	6	150	0,60	0,89	28	6	43	B-25	88	B-257
881-20	1-1/4	31,5	1.78	45	200	1,4	50	0,3	800	6	200	1,4	8	200	0,89	1,32	28	6	43	B-25	88	B-257
881-24	1-1/2	38	2.06	52	150	1	50	0,3	600	4	200	1,4	10	260	1,11	1,65	28	6	43	B-25	88	B-257
881-32	2	51	2.48	63	100	0,7	50	0,3	400	3	200	1,4	12	300	1,27	1,89	28	6	43	B-25	88	B-257
881-40	2-1/2	64.3	3.00	76.2	62	0,45	62	0,45	250	1,7	250	1,7	14	355	1,82	2,71	28	6			88	B-257

**Construction:** Synthetic rubber tube; reinforced by two textile braids or a woven ply, combined with wire spiraled throughout the textile reinforcement to prevent collapse under vacuum; MSHA accepted synthetic rubber cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +257°F (-40°C to +125°C);

Water, water/glycol and water/oil emulsion hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

**Fittings:** Parkrimp 43 Series and Field Attachable 88 Series. See Section C for Parkrimp or Section B for Field Attachable fitting assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

+ Non Standard

### 301

#### Hydraulic Hose - No Skive SAE 100R2 Type AT



Hose  
Medium  
Pressure  
**A**

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
301-3+	3/16	5	0.53	14	5000	34,5	20000	138	3-1/2	90	0.21	0.31			30	B-177
301-4	1/4	6,3	0.59	15	5000	34,5	20000	138	4	100	0.26	0.39	43	B-25	30	B-177
301-6	3/8	10	0.75	19	4000	27,5	16000	110	5	130	0.37	0.55	43	B-25	30	B-177
301-8	1/2	12,5	0.88	22	3500	24	14000	96	7	180	0.45	0.67	43	B-25	30	B-177
301-10	5/8	16	1.00	25	2750	19	11000	76	8	200	0.52	0.77	43	B-25	30	B-177
301-12	3/4	19	1.16	30	2250	15,5	9000	62	9-1/2	240	0.67	1.00	43	B-25	30	B-177
301-16	1	25	1.50	38	2000	13,8	8000	55	12	300	1.00	1.49	43	B-25	30	B-177
301-20	1-1/4	31,5	1.86	47	1625	11,2	6500	45	16-1/2	420	1.16	1.73	43	B-25	30	B-177
301-24	1-1/2	38	2.15	54	1250	8,6	5000	35	20	500	1.44	2.14	43	B-25	30	B-177
301-32	2	51	2.66	68	1125	7,8	4500	31	25	630	1.99	2.96	43	B-25	30	B-177

**Construction:** Synthetic rubber tube; two braids of high tensile steel wire reinforcement; MSHA accepted synthetic rubber cover.

**Application and Temperature Range:**

Petroleum base hydraulic fluids and lubricating oils within a temperature range of -40°F to +257°F (-40°C to +125°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air above 250 psi (1,7 MPa), the cover should be pin-pricked.

**Fittings:** Parkrimp 43 Series and Field Attachable 30 Series. See Section C for Parkrimp or Section B for Field Attachable fitting assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

### 301LT

#### Hydraulic Hose - No Skive - SAE 100R2 Type AT For Low Temperature Service



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
301LT-4	1/4	6,3	0.59	15	5000	34,5	20000	138	4	100	0.26	0.39	43	B-25	30	B-177
301LT-6	3/8	10	0.75	19	4000	27,5	16000	110	5	130	0.37	0.55	43	B-25	30	B-177
301LT-8	1/2	12,5	0.88	22	3500	24	14000	96	7	180	0.45	0.67	43	B-25	30	B-177
301LT-12	3/4	19	1.16	30	2250	15,5	9000	62	9-1/2	240	0.67	1.00	43	B-25	30	B-177
301LT-16	1	25	1.50	38	2000	13,8	8000	55	12	300	1.00	1.49	43	B-25	30	B-177

**Construction:** Synthetic rubber tube; two braids of high tensile steel wire reinforcement; MSHA accepted synthetic rubber cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -67°F to +212°F (-55°C to +100°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air above 250 psi (1,7 MPa), the hose cover should be pin-pricked.

**Fittings:** Parkrimp 43 Series and Field Attachable 30 Series. See Section C for Parkrimp or Section B for Field Attachable fitting assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

+ Non Standard

**304**  
Hydraulic Hose - No Skive  
For Phosphate Ester Fluids



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
304-4	1/4	6,3	0.59	15	5000	34,5	20000	138	4	100	0.26	0.39	43	B-25		
304-6	3/8	10	0.75	19	4000	27,5	16000	110	5	130	0.37	0.55	43	B-25		
304-8	1/2	12,5	0.88	22	3500	24	14000	96	7	180	0.45	0.67	43	B-25		
304-12	3/4	19	1.16	30	2250	15,5	9000	62	9-1/2	240	0.67	1.00	43	B-25		
304-16	1	25	1.50	38	2000	13,8	8000	55	12	300	1.00	1.49	43	B-25		
304-20	1-1/4	31,5	1.86	47	1625	11,2	6500	45	16-1/2	420	1.16	1.73	43	B-25		
304-24	1-1/2	38	2.15	54	1250	8,6	5000	35	20	500	1.44	2.14	43	B-25		
304-32	2	51	2.66	68	1125	7,8	4500	31	25	630	1.99	2.96	43	B-25		

**Construction:** Phosphate Ester resistant EPDM synthetic rubber tube; two braids of high tensile steel wire reinforcement; green synthetic rubber cover.

**Application and Temperature Range:**

Phosphate ester base hydraulic fluids within a temperature range of -40°F to +176°F (-40°C to +80°C);  
Water and water/glycol hydraulic fluids up to +185°F (+85°C);  
Air within a temperature range of -40°F to +158°F (-40°C to +70°C).  
For air above 250 psi (1,7 MPa) the hose cover should be pin-pricked.

**Fittings:** Parkrimp 43 Series. See Section C for assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

**Special Assembly Instructions for 304 Hose:** Do not allow tube to contact any petroleum base fluids. Use liquid soap as hose lubricant.

**381**

Hydraulic Hose - No Skive - SAE 100R2  
Type AT - ISO 1436 Type 2AT EN 853 Type 2SN



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
381-4	1/4	6,3	0.59	15	5800	40	23200	160	4	100	0.26	0.39	43	B-25	30	B-177
381-5	5/16	8	0.66	17	5075	35	20300	140	4-1/2	115	0.28	0,42	43	B-25		
381-6	3/8	10	0.75	19	5000	34,5	20000	138	5	130	0.37	0,55	43	B-25	30	B-177
381-8	1/2	12,5	0.88	22	4250	29,3	17000	118	7	180	0.45	0,67	43	B-25	30	B-177
381-10	5/8	16	1.00	25	3625	25	14500	100	8	200	0.52	0,77	43	B-25	30	B-177
381-12	3/4	19	1.16	30	3125	21,5	12500	86	9-1/2	240	0.67	1.00	43	B-25	30	B-177
381-16	1	25	1.50	38	2500	17,5	10000	70	12	300	1.00	1,49	43	B-25	30	B-177
381-20	1-1/4	31,5	1.87	47	2250	15,5	9000	62	16-1/2	420	1.16	1,73	43	B-25	30	B-177
381-24	1-1/2	38	2.15	54	1800	12,5	7200	50	20	500	1.44	2,14	43	B-25	30	B-177
381-32	2	51	2.66	68	1300	9	5200	36	25	630	1.99	2,96	43	B-25	30	B-177

**Construction:** Synthetic rubber tube; two braids of special high tensile steel wire reinforcement ; MSHA accepted synthetic rubber cover.

**Application and Temperature Range:**

Petroleum base hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C);  
Polyol ester based hydraulic fluids within a temperature range of -40°F to +150°F (-40°C to +65°C)  
Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);  
Air within a temperature range of -40°F to +158°F (-40°C to +70°C).  
For air pressure above 250 psi (1,7 MPa) the cover should be pin-pricked.

**Fittings:** Parkrimp 43 Series and Field Attachable 30 Series. See Section C for Parkrimp or Section B for Field Attachable fitting assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

+ Non Standard

## 421

### Hydraulic Hose - No Skive SAE 100R1 Type AT



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
421-3	3/16	5	0.46	12	3000	20,7	12000	83	3-1/2	90	0.13	0,19			42	B-211
421-4	1/4	6,3	0.53	13	2750	19,0	11000	76	4	100	0.16	0,24	43	B-25	42	B-211
421-5	5/16	8	0.59	15	2500	17,2	10000	69	4-1/2	115	0.18	0,27	43	B-25	42	B-211
421-6	3/8	10	0.68	17	2250	15,5	9000	62	5	130	0.23	0,34	43	B-25	42	B-211
421-8	1/2	12,5	0.81	20	2000	13,8	8000	55	7	180	0.29	0,43	43	B-25	42	B-211
421-10	5/8	16	0.94	24	1500	10,3	6000	41	8	200	0.33	0,49	43	B-25	42	B-211
421-12	3/4	19	1.09	28	1250	8,6	5000	35	9-1/2	240	0.42	0,63	43	B-25	42	B-211
421-16	1	25	1.40	36	1000	6,9	4000	28	12	300	0.63	0,94	43	B-25	42	B-211
421-20	1-1/4	31,5	1.73	44	625	4,3	2500	17	16-1/2	420	0.80	1,19	43	B-25		
421-24	1-1/2	38	2.00	51	500	3,5	2000	14	20	500	1.00	1,49	43	B-25		
421-32	2	51	2.50	64	375	2,6	1500	10	25	630	1.50	2,23	43	B-25		

**Construction:** Synthetic rubber tube; one braid of high tensile steel wire reinforcement; MSHA accepted synthetic rubber cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +257°F (-40°C to +125°C);  
Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);  
Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air or gas applications above 250 psi (1,7 MPa), the cover should be pin-pricked.

**Fittings:** Parkrimp 43 Series and Field Attachable 42 Series. See Section C for Parkrimp or Section B for Field Attachable fitting assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

## 421HT

### Hydraulic Hose - No Skive - SAE 100R1 Type AT (For High Temperature Service )



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
421HT-4	1/4	6,3	0.53	13	2750	19,0	11000	76	4	100	0.16	0,24	43	B-25		
421HT-6	3/8	10	0.68	17	2250	15,5	9000	62	5	125	0.23	0,34	43	B-25		
421HT-8	1/2	12,5	0.81	20	2000	13,8	8000	55	7	180	0.29	0,43	43	B-25		
421HT-10	5/8	16	0.94	24	1500	10,3	6000	41	8	200	0.33	0,49	43	B-25		
421HT-12	3/4	19	1.09	28	1250	8,6	5000	35	9-1/2	240	0.42	0,63	43	B-25		
421HT-16	1	25	1.40	36	1000	6,9	4000	28	12	300	0.63	0,94	43	B-25		
421HT-20	1-1/4	31,5	1.79	45	625	4,3	2500	17	16-1/2	420	0.80	1,19	43	B-25		
421HT-24	1-1/2	38	2.00	51	500	3,5	2000	14	20	500	1.00	1,49	43	B-25		
421HT-32	2	51	2.54	64	375	2,6	1500	10	25	630	1.50	2,23	43	B-25		

**Construction:** Synthetic rubber tube; single high tensile steel wire braid reinforcement; MSHA accepted synthetic rubber cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -50°F to +302°F (-46°C to +150°C);  
Water, water/glycol, and water/oil emulsion hydraulic fluids up to +185°F (+85°C);  
Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air above 250 psi (1,7 MPa), the cover should be pin-pricked.

**Fittings:** Parkrimp 43 Series. See Section C for assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

+ Non Standard

## 421WC

Hydraulic Hose - No Skive  
SAE 100R1AT with a Protective Wire Cover



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Crimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
421WC-4	1/4	6,3	0.53	14	2750	19	11000	76	4	100	0.26	0,39	43	B-25		
421WC-6	3/8	10	0.69	18	2250	15,5	9000	62	5	130	0.36	0,54	43	B-25		
421WC-8	1/2	12,5	0.83	21	2000	13,8	8000	55	7	180	0.45	0,67	43	B-25		
421WC-12	3/4	19	1.11	28	1250	8,6	5000	35	9-1/2	240	0.64	0,95	43	B-25		
421WC-16	1	25	1.42	36	1000	6,9	4000	28	12	300	0.88	1,31	43	B-25		

**Construction:** Synthetic rubber tube; one braid of high tensile steel wire reinforcement; Synthetic rubber layer; protective overbraid of galvanized steel wire.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +257°F (-40°C to +125°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

**Fittings:** Parkrimp 43 Series. See Section C for assembly instructions. THE BLACK DIE RING MUST BE USED WHEN CRIMPING 43 SERIES PARKRIMP FITTINGS ON 421WC HOSE.

Protective overbraid does not have to be removed to attach Parker No-Skive fittings.

## 424

Hydraulic Hose - No Skive  
For Phosphate Ester Fluids



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
424-16	1	25	1.40	36	1000	6,9	4000	28	12	300	0.63	0,94	43	B-25		
424-20	1-1/4	31,5	1.73	44	625	4,3	2500	17	16-1/2	420	0.80	1,19	43	B-25		
424-24	1-1/2	38	2.00	51	500	3,5	2000	14	20	500	1.00	1,49	43	B-25		
424-32	2	51	2.50	64	375	2,6	1500	10	25	630	1.50	2,23	43	B-25		

**Construction:** Phosphate ester resistant EPDM synthetic rubber tube; one braid of high tensile steel wire reinforcement; phosphate ester and weather resistant; green, EPDM synthetic rubber cover.

**Application and Temperature Range:**

Phosphate ester base hydraulic fluids within a temperature range of -40°C to +80°C (-40°F to +176°F);

Water, water/glycol hydraulic fluids up to +85°C (+185°F);

Air within a temperature range of +70°C (+158°F).

**Fittings:** Parkrimp 43 Series. See Section C for assembly instructions.

Hose cover does not have to be removed to attach Parker No-Skive fittings.

+ Non Standard



431 **Compact**<sup>®</sup>

Hydraulic Hose - No Skive SAE 100R16



Hose  
Medium  
Pressure  
**A**

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
431-4	1/4	6,3	0.53	13	5000	34,5	20000	138	2	50	0.18	0,27	43	B-25	42	B-211
431-5	5/16	8	0.59	15	4250	29,3	17000	117	2-1/4	55	0.24	0,35	43	B-25	42	B-211
431-6	3/8	10	0.68	17	4000	27,5	16000	110	2-1/2	65	0.28	0,42	43	B-25	42	B-211
431-8	1/2	12,5	0.81	20	3500	24	14000	96	3-1/2	90	0.34	0,50	43	B-25	42	B-211
431-10	5/8	16	0.94	24	2750	19	11000	76	4	100	0.44	0,65	43	B-25	42	B-211
431-12	3/4	19	1.09	28	2250	15,5	9000	62	4-3/4	120	0.54	0,80	43	B-25	42	B-211
431-16	1	25	1.40	36	2000	13,8	8000	55	6	150	0.82	1,22	43	B-25	42	B-211

**Construction:** Synthetic rubber tube; two braids of high tensile steel wire reinforcement; MSHA accepted synthetic rubber cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +257°F (-40°C to 125°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air above 250 psi, (1,7 MPa) the hose cover should be pin-pricked.

**Fittings:** Parkrimp 43 Series and 42 Series Field Attachable. THE SILVER DIE RING MUST BE USED WHEN CRIMPING 43 SERIES PARKRIMP FITTINGS ONTO 431 HOSE. See Section C for Parkrimp or Section B for Field Attachable fitting assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

436 **Compact**<sup>®</sup>

Hydraulic Hose - No Skive - SAE 100R16



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
436-6	3/8	10	0.68	17	4000	27,5	16000	110	2-1/2	65	0.28	0,42	43	B-25	42	B-211
436-8	1/2	12,5	0.81	20	3500	24	14000	96	3-1/2	90	0.34	0,50	43	B-25	42	B-211
436-10	5/8	16	0.94	24	2750	19	11000	76	4	100	0.44	0,65	43	B-25	42	B-211
436-12	3/4	19	1.09	28	2250	15,5	9000	62	4-3/4	120	0.54	0,80	43	B-25	42	B-211
436-16	1	25	1.40	36	2000	13,8	8000	55	6	150	0.82	1,22	43	B-25	42	B-211

**Construction:** Synthetic rubber tube; two braids of high tensile steel wire reinforcement; MSHA accepted blue synthetic rubber cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -58°F to +302°F (-50°C to +150°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air above 250 psi, (1,7 MPa) the hose cover should be pin-pricked.

**Fittings:** Parkrimp 43 Series and Field Attachable 42 Series. THE SILVER DIE RING MUST BE USED WHEN CRIMPING 43 SERIES PARKRIMP FITTINGS ONTO 436 HOSE. See Section C for Parkrimp or Section B for Field Attachable fitting assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

+ Non Standard

## 451TC

Hydraulic Hose - No Skive  
Abrasion Resistant "Tough-Cover" - SAE 100R17



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
451TC-4	1/4	6,3	0,52	13	3000	21,0	12000	84,0	2	50	0.16	0,24	43	B-25		
451TC-5+	5/16	8	0,58	15	3000	21,0	12000	84,0	2-1/4	55	0.20	0,30	43	B-25		
451TC-6	3/8	10	0,68	17	3000	21,0	12000	84,0	2-1/2	65	0.23	0,34	43	B-25		
451TC-8	1/2	12,5	0,80	20	3000	21,0	12000	84,0	3-1/2	90	0.35	0,52	43	B-25		
451TC-10	5/8	16	0,94	24	3000	21,0	12000	84,0	4	100	0.44	0,66	43	B-25		
451TC-12	3/4	19	1,10	28	3000	21,0	12000	84,0	4-3/4	120	0.58	0,86	43	B-25		
451TC-16	1	25	1,40	35	3000	21,0	12000	84,0	6	150	0.79	1,17	43	B-25		
451TC-20+	1-1/4	31,5	1,85	47	3000	21,0	12000	84,0	8-1/4	210	1.50	2,23				

**Construction:** Synthetic rubber tube compatible with most petroleum-base hydraulic fluids; a high-tensile steel wire reinforcement; and an oil, weather, and abrasion resistant black synthetic rubber cover.

**Application and Temperature Range:**

3000 psi (21 MPa) hose for applications where greater protection against abrasion is required.

Most petroleum-base hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C)

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air above 250 psi (1,7 MPa), the cover should be pin-pricked.

**Fittings:** Parkrimp 43 Series. THE SILVER DIE RING MUST BE USED WHEN CRIMPING 43 SERIES PARKRIMP FITTINGS ONTO 451TC HOSE. See Section C for Parkrimp assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

## 471

Hydraulic Hose - No Skive  
Abrasion Resistant "Tough Cover" - EN 857 Type 2SC



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
471-6	3/8	10	0,68	17	5000	34,5	20000	138	2-1/2	65	0.28	0,42	43	B-25		
471-8	1/2	12,5	0,80	20	4250	29,5	17000	118	3-1/2	90	0.35	0,52	43	B-25		
471-10	5/8	16	0,94	24	3625	25	14500	100	4	100	0.44	0,66	43	B-25		
471-12	3/4	19	1,09	28	3125	21,5	12500	86	4-3/4	120	0.58	0,86	43	B-25		
471-16	1	25	1,39	35	2500	17,5	10000	70	6	150	0.79	1,17	43	B-25		

**Construction:** Oil-resistant Nitrile-based synthetic rubber tube; two high-tensile steel wire reinforcements; and an oil, weather, and abrasion resistant black synthetic rubber cover. MSHA accepted black synthetic rubber cover.

**Application and Temperature Range:**

Petroleum-based hydraulic fluids and lubricating oils within a temperature range of -40°C to +100°C (-40°F to +212°F);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +85°C (+185°F).

Air up to +70°C (+158°F).

**Fittings:** Parkrimp 43 Series. THE SILVER DIE RING MUST BE USED WHEN CRIMPING 43 SERIES PARKRIMP FITTINGS ONTO 471 HOSE. See Section C for Parkrimp assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

+ Non Standard

**471ST**

**Hydraulic Hose - No Skive "Super Tough"  
EN 857 Type 2SC High Abrasion Resistant Cover**



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
471ST-6	3/8	10	0.68	17	5000	34,5	20000	138	2-1/2	65	0.28	0,42	43	B-25		
471ST-8	1/2	12,5	0.80	20	4250	29,5	17000	118	3-1/2	90	0.35	0,52	43	B-25		
471ST-10	5/8	16	0.94	24	3625	25	14500	100	4	100	0.44	0,66	43	B-25		
471ST-12	3/4	19	1.09	28	3125	21,5	12500	86	4-3/4	120	0.58	0,86	43	B-25		
471ST-16	1	25	1.39	35	2500	17,5	10000	70	6	150	0.79	1,17	43	B-25		

**Construction:** Oil-resistant Nitrile-based synthetic rubber tube; two high-tensile steel wire reinforcements; and an oil-, weather-, and a high abrasion-resistant Super Tough (ST) polymeric cover.

**Application and Temperature Range:**

Petroleum-based hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C);  
Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C).

Air up to +158°F (+70°C).

**Fittings:** Parkrimp 43 Series. THE SILVER DIE RING MUST BE USED WHEN CRIMPING 43 SERIES PARKRIMP FITTINGS ONTO 471ST HOSE. See Section C for Parkrimp assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

**481**

**Hydraulic Hose - No Skive  
SAE 100R1EN 853 Type 1SN ISO 1436**



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
481-4	1/4	6,3	0.53	13	3250	22,5	13000	90	2	50	0.16	0,24	43	B-25	42	B-211
481-5	5/16	8	0.59	15	3250	22,5	13000	90	2-1/4	55	0.18	0,27	43	B-25	42	B-211
481-6	3/8	10	0.68	17	3000	20,7	12000	83	2-1/2	65	0.23	0,34	43	B-25	42	B-211
481-8	1/2	12,5	0.81	20	2500	17,2	10000	69	3-1/2	90	0.29	0,43	43	B-25	42	B-211
481-10	5/8	16	0.94	24	2000	13,8	8000	55	4	100	0.33	0,49	43	B-25	42	B-211
481-12	3/4	19	1.09	28	1750	12,0	7000	48	4-3/4	120	0.42	0,63	43	B-25	42	B-211
481-16	1	25	1.40	36	1275	8,8	5100	35	6	150	0.63	0,94	43	B-25	42	B-211

**Construction:** Synthetic rubber tube; one braid of special high tensile steel wire reinforcement; MSHA accepted synthetic rubber cover.

**Application and Temperature Range:**

Petroleum base hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C);

Polyol ester based hydraulic fluids within a temperature range of -40°F to +150°F (-40°C to +65°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air pressure above 250 psi (1,7 MPa) the cover should be pin-pricked.

**Fittings:** Parkrimp 43 Series and Field Attachable 42 Series. See Section C for Parkrimp or Section B for Field Attachable fitting assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

+ Non Standard

**601**  
Hydraulic Hose - No Skive  
SAE 100R3



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
601-4	1/4	6,3	0.56	14	1250	8,6	5000	35	3	75	0.13	0,19	43	B-25		
601-6	3/8	10	0.75	19	1125	7,8	4500	31	4	100	0.22	0,33	43	B-25		
601-8	1/2	12,5	0.92	23	1000	6,9	4000	28	5	125	0.28	0,42	43	B-25		
601-12	3/4	19	1.24	32	750	5,2	3000	21	6	150	0.43	0,64	43	B-25		
601-16	1	25	1.50	38	565	3,9	2250	16	8	200	0.61	0,91	43	B-25		

**Construction:** Synthetic rubber tube, two textile fiber braid reinforcement; MSHA accepted synthetic rubber cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +257°F (-40°C to +125°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of +158°F (+70°C). For air above 250 psi (1,7 MPa), the hose cover should be pin-pricked.

**Fittings:** Parkrimp 43 Series. See Section C for assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

**604**  
Water Hose - No Skive



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
604-6	3/8	10	0.75	19	300	2,1	1200	8,3	4	100	0.22	0,33	43	B-25		
604-8	1/2	12,5	0.92	23	300	2,1	1200	8,3	5	130	0.28	0,42	43	B-25		
604-16	1	25	1.50	38	300	2,1	1200	8,3	8	200	0.61	0,91	43	B-25		

**Construction:** Parker 604 is manufactured with EPDM tube, two textile fiber braid reinforcement and a red EPDM cover.

**Application and Temperature Range:**

Parker 604 hose was specifically developed for use as cooling water lines on injection molding equipment.

Hot water up to +200°F (+93°C).

**Fittings:** Parkrimp 43 Series. See Section C for assembly instructions.

**Note:** The Black Die Ring must be used when crimping Parkrimp 43 Series fittings onto 604 hose. Use Parkrimp 43 Series fittings ONLY.

**Special Assembly Instructions for 604 Hose:** Do not allow tube to contact any petroleum base fluids. Use liquid soap as hose lubricant.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

+ Non Standard

**341**

**Hydraulic Hose - No Skive  
SAE 100R9 Type AT**



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
341-6	3/8	10	0.78	20	4500	31	18000	125	5	130	0.50	0,74	43	B-25	34	B-199
341-8	1/2	12,5	0.89	23	4000	27,5	16000	110	7	180	0.62	0,92	43	B-25	34	B-199
341-12	3/4	19	1.17	30	3000	20,7	12000	83	9-1/2	240	0.92	1,37	43	B-25	34	B-199
341-16	1	25	1.51	38	3000	20,7	12000	83	12	300	1.28	1,90	43	B-25	34	B-199
341-20	1-1/4	31,5	1.87	47	2500	17,2	10000	69	16-1/2	420	1.79	2,66	43	B-25		

**Construction:** Synthetic rubber tube; four spirals of high tensile steel wire reinforcement; MSHA accepted synthetic rubber cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air above 250 psi (1,7 MPa) the cover should be pin-pricked.

**Fittings:** Parkrimp 43 Series and Field Attachable 34 Series. See Section C for Parkrimp or Section B for Field Attachable fitting assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

**701**

**Hydraulic Hose - No Skive - EN 856 Type 4SP  
ISO 3862 Type 2 DIN 20 023-4SP**



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
701-6	3/8	10	0.84	21	6500	45	26000	180	7	180	0.52	0,78	70	B-71		
701-8	1/2	12,5	0.97	25	6000	41,5	24000	166	9	230	0.62	0,93	70	B-71		
701-10	5/8	16	1.11	28	5000	35	20000	140	10	250	0.77	1,15	70	B-71		
701-12	3/4	19	1.27	32.2	5000	35	20000	140	12	300	1.06	1.58	70	B-71		

**Construction:** Synthetic rubber tube; four spirals of high tensile steel wire reinforcement; MSHA accepted synthetic rubber cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air above 250 psi (1,7 MPa), the cover should be pin-pricked.

**Fittings :** Parkrimp 70 Series. See Section C for assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

+ Non Standard

## 711

### Hydraulic Hose - No-Skive Meets SAE 100R11 Pressure



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
711-24	1-1/2	38,0	2.07	52,8	3000	21,0	12000	84,0	22	560	2.01	2,99	71	B-81		
711-32	2	51,0	2.59	65,9	3000	21,0	12000	84,0	28	710	2.75	4,09	71	B-81		

**Construction:** Synthetic rubber tube; four spirals of high tensile steel wire reinforcement; MSHA accepted gray synthetic rubber cover.

**Application and Temperature Range:**

High pressure hose for use with: Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to 100°C); Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C); Air within a temperature range of -40°F to +158°F (-40°C to +70°C). For air above 250 psi (1,7 MPa) the cover should be pin-pricked

**Fittings:** Parkrimp fittings 71 Series. See Section C for assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

## 731

### Hydraulic Hose - No Skive DIN 20 023-4SH EN 856 Type 4SH



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
731-12	3/4	19	1.27	32	6000	42	24000	168	11	280	1.16	1,72	73	B-103		
731-16	1	25	1.52	39	5500	38	22000	152	13-1/2	340	1.44	2,14	73	B-103		
731-20	1-1/4	31,5	1.79	45	4700	32,5	18800	130	18	460	1.99	2,96	73	B-103		
731-24	1-1/2	38	2.10	53	4200	29	16800	116	22	560	2.15	3,20	73	B-103		
731-32	2.00	51	2.68	68	3600	25	14400	100	27	700	3.56	5,30	73	B-103		

**Construction:** Synthetic rubber tube, four spirals of high tensile steel reinforcement, MSHA accepted synthetic rubber cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C) continuous and +257°F (+125°C) intermittent;

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air above 250 psi (1,7 MPa), the cover should be pin-pricked.

**Fittings:** Parkrimp 73 Series. See Section C for assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

+ Non Standard

**772**

**Hydraulic Hose - No Skive - SAE 100R12**  
**Abrasion Resistant "Tough Cover" - EN 856 Type R12**



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
772-6	3/8	10	0.79	20	4000	27.5	16000	110	5	125	0.40	0.60	71	B-81		
772-8	1/2	12.5	0.93	25	4000	27.5	16000	110	7	130	0.54	0.80	71	B-81		
772-10	5/8	16	1.08	27	4000	27.5	16000	110	8	200	0.74	1.10	71	B-81		
772-12	3/4	19	1.21	31	4000	27.5	16000	110	9-1/2	240	0.94	1.40	71	B-81		
772-16	1	25	1.50	38	4000	27.5	16000	110	12	300	1.34	1.99	71	B-81		
772-20	1-1/4	31.5	1.85	47	3000	20.7	12000	83	16-1/2	420	1.74	2.59	71	B-81		
772-24	1-1/2	38	2.10	53	2500	17.2	10000	69	20	500	2.01	2.99	71	B-81		
772-32	2	51	2.63	67	2500	17.2	10000	69	25	630	2.75	4.09	71	B-81		

**Construction:** Nitrile rubber innertube; four spirals of high tensile steel wire reinforcement; and an oil, weather, and abrasion resistant black synthetic rubber cover. MSHA accepted black synthetic rubber cover.

**Applications and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +257°F (-40°C to +125°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air above 250 psi (1,7 MPa), the cover should be pin-pricked.

**Fittings:** Parkrimp 71 Series. See Section C for assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

**774**

**Hydraulic Hose - No Skive**  
**For Phosphate Ester Base Fluids**



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
774-6+	3/8	10	0.79	20	4000	28.0	16000	112	5	130	0.40	0.60	71	B-81		
774-8+	1/2	12.5	0.93	24	4000	28.1	16000	112	7	180	0.54	0.80	71	B-81		
774-12	3/4	19	1.21	31	4000	28.2	16000	112	9-1/2	240	0.94	1.40	71	B-81		
774-16	1	25	1.49	38	4000	28.3	16000	112	12	300	1.34	1.99	71	B-81		
774-20	1-1/4	31.5	1.82	46	3000	21.0	12000	84	16-1/2	420	1.74	2.59	71	B-81		
774-24	1-1/2	38	2.08	53	2500	17.5	10000	70	20	500	2.01	2.99	71	B-81		
774-32	2	51	2.60	66	2500	17.5	10000	70	25	630	2.75	4.09	71	B-81		

**Construction:** Phosphate Ester resistant EPDM synthetic rubber tube, 4 spiral plies of high tensile steel wire reinforcement, and a phosphate ester and weather resistant, green synthetic rubber cover.

**Applications and Temperature Range:**

Phosphate ester base hydraulic fluids within a temperature range -40°C to +80°C (-40°F to +176°F);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +85°C (+185°F);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air above 250 psi (1,7 MPa), the cover should be pin-pricked.

**Fittings:** Parkrimp 71 Series. See Section C for assembly instructions.

**Special Assembly Instructions for 774 Hose:** Do not allow tube to contact any petroleum base fluids. Use liquid soap as hose lubricant.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

+ Non Standard

## Hose

### High Pressure

Hose  
High  
Pressure  
**A**

## 77C

### Hydraulic Hose - No Skive SAE 100R12 EN 856 Type R12



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
77C-6	3/8	10	0.80	20	4000	27,5	16000	110	5	130	0.40	0,60	71	B-81		
77C-8	1/2	12,5	0.94	24	4000	27,5	16000	110	7	180	0.54	0,80	71	B-81		
77C-10	5/8	16	1.08	27	4000	27,5	16000	110	8	200	0.74	1,10	71	B-81		
77C-12	3/4	19	1.21	31	4000	27,5	16000	110	9-1/2	240	0.94	1,40	71	B-81		
77C-16	1	25	1.50	38	4000	27,5	16000	110	12	300	1.34	1,99	71	B-81		
77C-20	1-1/4	31,5	1.83	46	3000	20,7	12000	83	16-1/2	420	1.74	2,59	71	B-81		
77C-24	1-1/2	38	2.07	52	2500	17,2	10000	69	20	500	2.01	2,99	71	B-81		
77C-32	2	51	2.60	66	2500	17,2	10000	69	25	630	2.75	4,09	71	B-81		

**Construction:** Synthetic rubber tube; four spirals of high tensile steel wire reinforcement; MSHA accepted gray synthetic rubber cover.

#### Applications and Temperature Range:

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +257°F (-40°C to +125°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air above 250 psi (1,7 MPa), the cover should be pin-pricked,.

**Fittings:** Parkrimp 71 Series. See Section C for assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

## 782

### Hydraulic Hose - No Skive - SAE 100R13 Abrasion Resistant "Tough Cover" - EN 856 Type R13



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
782-10	0.63	16	1.14	29	6500	45,0	26000	180	9	230	0.93	1,38	78	B-113		
782-12	3/4	19	1.26	32	5000	34,5	20000	138	9-1/2	240	1.07	1,59	78	B-113		
782-16	1	25	1.52	39	5000	34,5	20000	138	12	300	1.48	2,20	78	B-113		
782-20	1-1/4	31,5	1.96	50	5000	34,5	20000	138	16-1/2	420	2.48	3,69	78	B-113		
782-24	1-1/2	38	2.26	57	5000	34,5	20000	138	20	500	3.22	4,79	78	B-113		

**Construction:** Nitrile rubber innertube; 4 to 6 spirals piles of high tensile steel wire reinforcement and an oil, weather and abrasion resistant, black, synthetic rubber cover.

#### Application and Temperature Range:

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +257°F (-40°C to +125°C)

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of +158°F (+70°C).

**Fittings:** Parkrimp 78 Series. See Section C for assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

+ Non Standard



## 78C

Hydraulic Hose - No Skive  
SAE 100R13 - EN856 Type R13



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
78C-12	3/4	19	1.26	32	5000	34,5	20000	138	9-1/2	240	1.07	1,59	78	B-113		
78C-16	1	25	1.52	39	5000	34,5	20000	138	12	300	1.48	2,20	78	B-113		
78C-20	1-1/4	31,5	1.96	50	5000	34,5	20000	138	16-1/2	420	2.48	3,69	78	B-113		
78C-24	1-1/2	38	2.26	57	5000	34,5	20000	138	20	500	3.22	4,79	78	B-113		
78C-32	2	51	2.80	71	5000	34,5	20000	138	25	630	5.03	7,48	78	B-113		

**Construction:** Synthetic rubber tube; multiple spirals of high tensile steel wire reinforcement; MSHA accepted red synthetic rubber cover.

**Application and Temperature Range:**

Petroleum based hydraulic fluids and lubricating oils within a temperature range of -40°F to +257°F (-40°C to +125°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

For air above 250 psi (1,7 MPa), the cover should be pin-pricked.

**Fittings:** Parkrimp 78 Series. See Section C for assembly instructions.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

## 792

Hydraulic Hose - No Skive- SAE 100R15  
Abrasion Resistant "Tough Cover"



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight		Parkrimp Fitting		Field Attachable Fitting	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m	Series	Page	Series	Page
792-12	3/4	19	1.26	32	6000	41	24000	164	10-1/2	265	1.07	1,59	79	B-127		
792-16	1	25	1.52	39	6000	41	24000	164	13	330	1.48	2,20	79	B-127		
792-20	1-1/4	31,5	1.97	50	6000	41	24000	164	17-1/2	445	2.48	3,69	79	B-127		

**Construction:** Nitrile rubber innertube; six spirals of high-tensile steel wire reinforcement; and an oil, weather, and abrasion resistant black synthetic rubber cover. MSHA accepted black synthetic rubber cover.

**Application and Temperature Range:**

Petroleum-base hydraulic fluids and lubricating oils within a temperature range of -40°F to +257°F (-40°C to +125°C);

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +185°F (+85°C);

Air within a temperature range of -40°F to +158°F (-40°F to +70°F).

For air above 250 psi (1,7 MPa), the cover should be pin-pricked.

**Fittings:** Parkrimp 79 Series. See Section C for assembly instructions. Use 78 Series (olive drab) dies, crimp procedure and crimp diameters when crimping 79 Series hose and fittings.

**Hose cover does not have to be removed to attach Parker No-Skive fittings.**

+ Non Standard