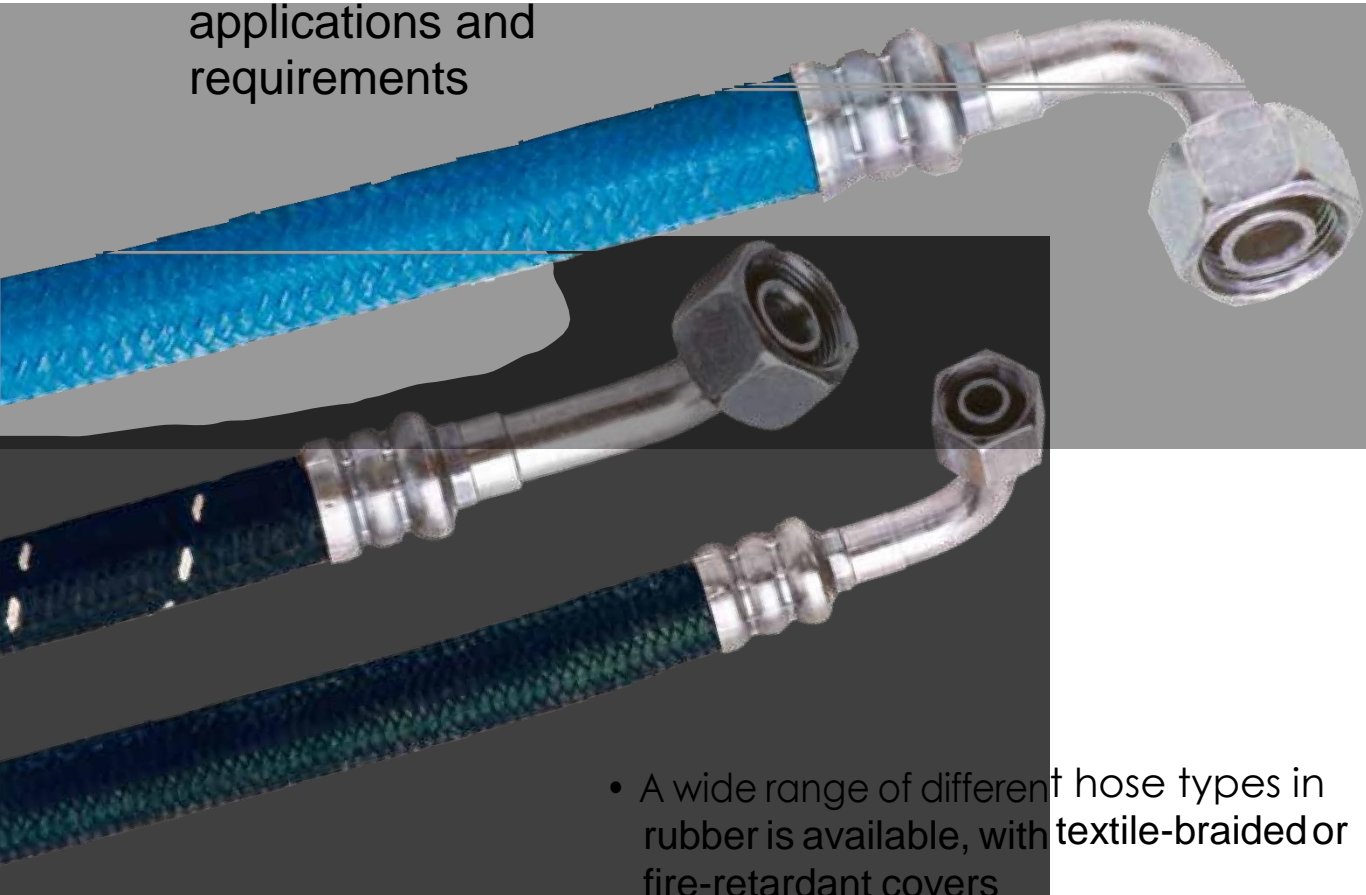


Low Pressure transportation and Hydraulic Hose and fittings



– the right solution for special applications and requirements



- A wide range of different hose types in rubber is available, with textile-braided or fire-retardant covers



- Proven, safe and easy self-assembly system
- Large bore sizes available
- High working temperatures
- One fitting series for all SAE 100 R5 and similar hoses

Applications

The definitive hose range for all special applications and requirements



Parkrimp® *No-Skive*

The system for fast and leak-free assemblies

The perfect match



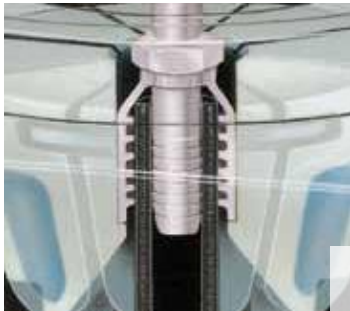
The complete system from one source. No-Skive hose, No-Skive fitting and crimping machine with world-wide guarantee and availability.

Parker's colour-coded die sets



No loose parts to mismatch or misplace – die set segments linked together.
Die sets provide 360° evenly applied crimping forces for an ideal crimp result.

Parkalign®



Parker's exclusive Parkalign® positions the fitting in the dies perfectly every time.



KarryKrimp® 1

KarryKrimp® 2



Parkrimp®



KarryKrimp® 2 Bench Mount



Parkrimp® *No-Skive*

- No skiving tool needed
- No need to remove the cover
- Crimps one-piece fittings
- Parkalign positions the fittings in the dies perfectly every time
- Quick and easy: no gauges to set on the machine
- Portable machines for field repair
- Meets EN safety regulations

Low Pressure Transportation and Hydraulic

Hoses			Page
201	Transportation		B2a-1
206	Transportation		B2a-2
213	Transportation		B2a-3
221Fr	Fire retardant		B2a-4
285	Refrigeration		B2a-5
293	Transportation		B2a-6
601	Standard		B2a-7
611HT	High temperature		B2a-8
681	Standard		B2a-9
681DB	Railway		B2a-10
Fittings – 26 Series			Page
Din – Metric			B2b-1 – B2b-2
BsP			B2b-3 – B2b-4
sAE			B2b-5 – B2b-7
orFs			B2b-8
others			B2b-9

Standard

601 B2a-7 <i>No-Skive</i> SAE 100R3		681 B2a-9 <i>No-Skive 2TE</i> EN 854-2TE	
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High temperature

611HT B2a-8 <i>No-Skive</i> High-temperature textile hose	
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Railway

681DB B2a-10 <i>No-Skive 2TE</i> EN 854-2TE (with approvals for rail transportation)	
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Transportation

201 B2a-1 <i>No-Skive Airbrake</i> SAE 100R5 – SAE J1402AII		206 B2a-2 <i>No-Skive Airbrake</i> SAE 100R5 – SAE J1402AII		213 B2a-3 <i>No-Skive High Temperature</i> For engines and compressed air systems		293 B2a-6 <i>No-Skive High Temperature</i> Engine and air brake/truck hose	
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Fire retardant

221FR B2a-4 <i>No-Skive Fire Retardant</i> Marine fuel and engine hose	
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Refrigeration

285 B2a-5 <i>Air Conditioning and Refrigeration</i> SAE J2064 Type C, Class 1	
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201

No-Skive Airbrake

sae 100r5 – sae J1402aii

Primary Applications

Transportation: Air brake hose

General: Low pressure applications

Type Approvals

Details please find on pages Ab-16 to Ab-19

Applicable Specifications

SAE 100R5, SAE J1402AII, D. O. T. FMVSS 106-AII

Construction

Tube: Synthetic rubber

Reinforcement: One fibre inner braid,
one high-tensile steel wire braid

Cover: Rubber layer and textile braided cover

Temperature Range -40 °C up to +150 °C

Exception: Airmax. +70 °C

Water.....max. +85 °C



- Textile braided cover
- *No-Skive* hose construction
- 150 °C working temperature

Recommended Fluids

Petroleum based hydraulic fluids, water-glycol and water-oil emulsion hydraulic fluids, grease, lubricants, crude and fuel oils, air and water.

Consult the chemical compatibility section on pages Ab-24 to Ab-32 for more detailed information.

Fitting Series



Hose

Part Number	Hose I.D.			Hose O.D. mm	Pressure Rating				Vacuum*	min. bend radius mm	weight kg
	Inch	Size	mm		max. working pressure		min. burst pressure				
					MPa	psi	MPa	psi			
201-4	3/16	-4	5.0	12.2	20.7	3000	83.0	12000	95	75	0.22
201-5	1/4	-5	6.3	14.8	20.7	3000	83.0	12000	95	85	0.27
201-6	5/16	-6	8.0	17.2	15.5	2250	62.0	9000	95	100	0.34
201-8	13/32	-8	10.0	19.5	13.8	2000	55.0	8000	95	120	0.40
201-10	1/2	-10	12.5	23.4	12.0	1750	48.0	7000	95	140	0.55
201-12	5/8	-12	16.0	27.4	10.3	1500	41.0	6000	95	165	0.68
201-16	7/8	-16	22.0	31.4	5.5	800	22.0	3200	67	185	0.68
201-20	1 1/8	-20	29.0	38.1	4.3	625	17.0	2500	67	230	0.76
201-24	1 3/8	-24	35.0	44.5	3.5	500	14.0	2000	51	265	1.01
201-32	1 13/16	-32	46.0	56.4	2.4	350	10.0	1400	37	335	1.32

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101kPa.
The combination of high temperature and high pressure could reduce the hose life.
The maximum working pressures shown in the table are for service up to a maximum temperature of 100 °C.
For use at higher temperatures, consult the pressure/temperature curve in section A for the reduced maximum working pressure.

Hose layline example

201-6 AIR BRAKE DOT XXXXX AII 8 mm (5/16) SAE J1402 DOT XXXXX AII WP 15,7 MPa (2250 PSI) DOT XXXXX AII SA



206

No-Skive Airbrake

sae 100r5 – sae J1402aii

Primary Applications

Transportation: Air brake hose

General: Low pressure applications

Type Approvals

Details please find on pages *Ab-16* to *Ab-19*

Applicable Specifications

SAE 100R5, SAE J1402AII, D. O. T. FMVSS 106-AII

Construction

Tube: Parker PKR-elastomer tube

Reinforcement: One fibre innerbraid,
one high-tensile steel wire braid

Cover: Rubber layer and
blue textile braided cover

Temperature Range -48 °C up to +150 °C

Exception: Air max. +100 °C
Water max. +85 °C



- Blue textile braided cover
- *No-Skive* hose construction
- For very low (-48 °C) working temperature

Recommended Fluids

Petroleum based hydraulic fluids, water-glycol and water-oil emulsion hydraulic fluids, grease, lubricants, crude and fuel oils, air and water.

Consult the chemical compatibility section on pages *Ab-24* to *Ab-32* for more detailed information.

Fitting Series



Part Number	Hose I.D.			Hose O.D. mm	Pressure Rating				Vacuum* kPa	min. bend radius mm	weight kg
	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi			
206-4	3/16	-4	5.0	13.2	20.7	3000	83.0	12000	95	75	0.22
206-5	1/4	-5	6.3	14.8	20.7	3000	83.0	12000	95	85	0.27
206-6	5/16	-6	8.0	17.1	15.5	2250	62.0	9000	95	90	0.34
206-8	13/32	-8	10.0	19.5	13.8	2000	55.0	8000	95	90	0.40
206-10	1/2	-10	12.5	23.4	12.0	1750	48.0	7000	95	100	0.55
206-12	5/8	-12	16.0	27.4	10.3	1500	41.0	6000	95	100	0.68
206-16	7/8	-16	22.0	31.4	5.5	800	22.0	3200	67	100	0.68
206-20	1 1/8	-20	29.0	38.1	4.3	625	17.0	2500	67	140	0.76
206-24	1 3/8	-24	35.0	44.5	3.5	500	14.0	2000	51	190	1.01
206-32	1 13/16	-32	46.0	56.4	2.4	350	10.0	1400	37	335	1.32

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101kPa.
The combination of high temperature and high pressure could reduce the hose life.
The maximum working pressures shown in the table are for service up to a maximum temperature of 100 °C.
For use at higher temperatures, consult the pressure/temperature curve in section A for the reduced maximum working pressure.

Hose layline example



