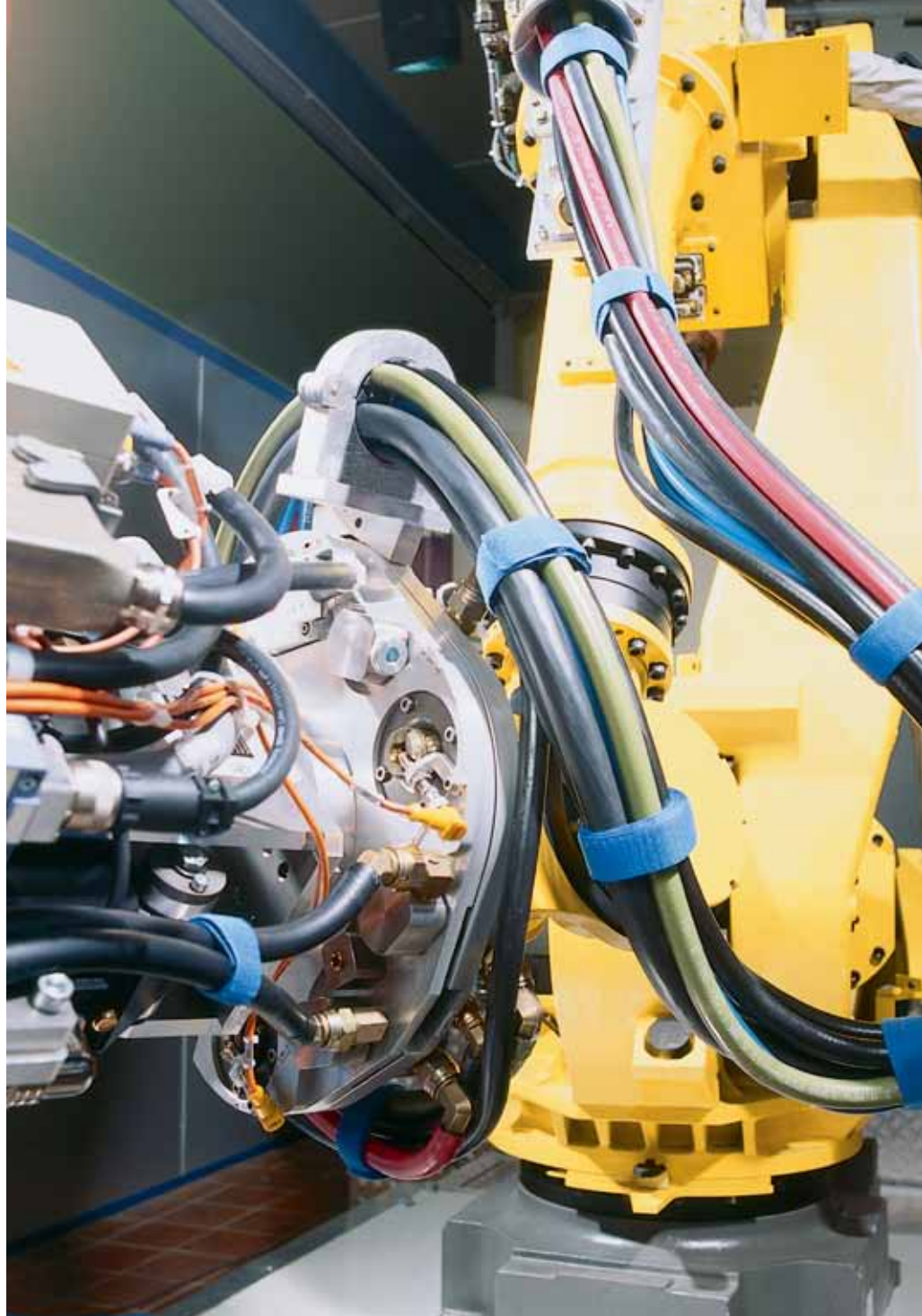




aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Hydraulic Hoses, Fittings and Equipment

Low Pressure

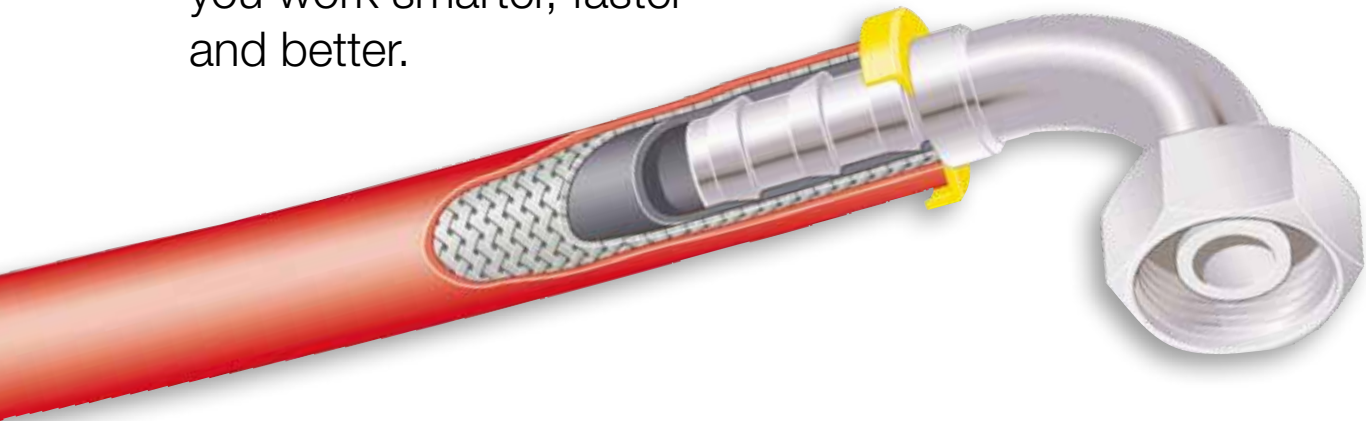


ENGINEERING YOUR SUCCESS.

Low Pressure Push-Lok®

The self-grip hose system for low-pressure applications

We're constantly updating our customer service options to help you work smarter, faster and better.



One fitting series for all hose types

with DIN, BSP, SAE, JIC and ORFS connections in brass, steel and stainless steel



Wide variety of hose types

6 rubber hose types

- 801Plus** for a variety of applications
- 804** for high-temperature water/phosphate ester fluids
- 821FR** with fire-retardant hose cover
- 831** ideal for petroleum-based fluids
- 836** for high oil temperatures
- 837BM** for a variety of applications including automotive

2 thermoplastic hose types

- 830M** for a variety of applications including automotive
- 838M** for non-conductive applications

1 hybrid hose type

- 837PU-Plus** for a variety of applications including automotive

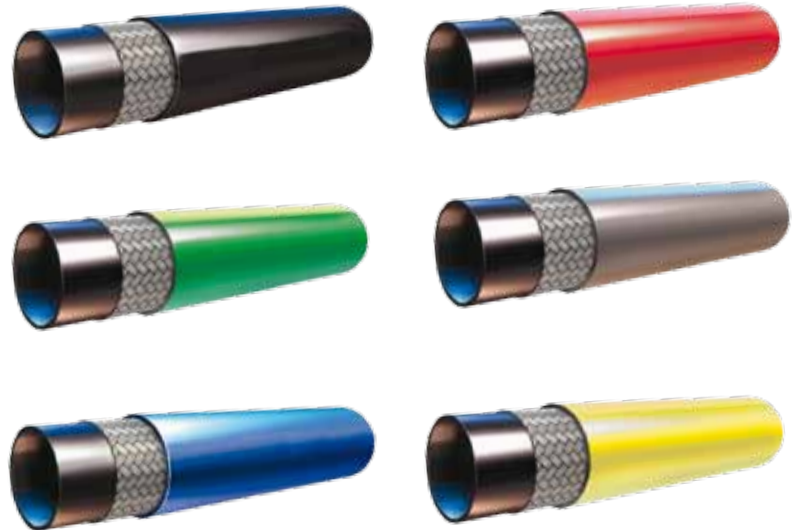
Applications

Push-Lok® hoses offer variety, excellent performance and durability for the following applications



6 different colours

- easy identification
- simple production processes
 - one colour for one particular medium
- easy control of maintenance intervals
- simple stock planning in different departments



Easy assembly – no tools or clamps required

Push-Lok® assembly (1a, b)

- Cut the hose with a sharp knife
- Push the nipple into the hose – that's all!



Push-Lok® disassembly (2a, b)

- Cut lengthwise along a line at approximately a 20° angle from the centre line of the hose. The cut should be approximately 2 cm long. Be careful not to nick barbs when cutting the hose.
- Grip hose and give a sharp downward tug to disengage from fitting.
- Before re-using the nipple, please check it for any damage.



Low Pressure Push-Lok

| Hoses | | | Page |
|----------------|------------------|--|-------|
| 801Plus | Multipurpose | | B1a-1 |
| 804 | Phosphate Ester | | B1a-2 |
| 821FR | Fire retardant | | B1a-3 |
| 830M | Multipurpose | | B1a-4 |
| 831 | Multipurpose | | B1a-5 |
| 836 | High temperature | | B1a-6 |
| 837BM | Multipurpose | | B1a-7 |
| 837PU | Multipurpose | | B1a-8 |
| 838M | Non-conductive | | B1a-9 |

| Fittings – 82 Series | | | Page |
|----------------------|--|--|-----------------|
| DIN-Metric | | | B1b-1 – B1b-7 |
| BSP | | | B1b-8 – B1b-10 |
| SAE | | | B1b-11 – B1b-14 |
| ORFS | | | B1b-15 |
| Others | | | B1b-16 – B1b-18 |

| | | | Page |
|--------------------------------------|--|--|--------|
| Assembly Instructions / Tools | | | B1b-19 |

Multipurpose

801Plus

B1a-1



Push-Lok Plus
For a variety of applications

830M

B1a-4



Push-Lok
For a variety of applications
including automotive

831

B1a-5



Push-Lok
Ideal for petroleum based fluids

837BM

B1a-7



Push-Lok
For a variety of applications
including automotive

837PU-Plus

B1a-8



Hybrid Push-Lok
For a variety of applications
including automotive

Phosphate Ester

804

B1a-2



Push-Lok
For high temperature
water and phosphate ester fluid

High temperature

836

B1a-6



Push-Lok
For high oil temperatures

Fire retardant

821FR

B1a-3



Push-Lok
With fire retardant hose cover

Non-conductive

838M

B1a-9



Push-Lok
For non-conductive applications

801Plus

Push-Lok Plus

For a variety of applications

Primary Applications

All Markets: For light applications
Paper and Pulp: For water / air applications

Restrictions

Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for fuels (petrol, diesel etc.).
Not recommended for mineral based hydraulic and lubricating oils.

Construction

Tube: Synthetic rubber
Reinforcement: High-tensile fibre braid
Cover: High performance synthetic rubber in different colours

Temperature Range -40 °C up to +100 °C

Exception: Air max. +70 °C
Water max. +85 °C



- Very flexible
- Wide range of colours
- Available up to size -16

Recommended Fluids

Air, water, water-oil-emulsions and water-glycol-emulsions.
Consult the chemical compatibility section on pages **Ab-22** to **Ab-30** 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 |
|---------------|-----------|------|------|------|-----------------|-----------------------|-----|---------------------|------|----------------|------------------------|--------------|
| | DN | Inch | Size | mm | | max. working pressure | | min. burst pressure | | | | |
| | | | | | | MPa | psi | MPa | psi | | | |
| 801-4-XXX-RL | 6 | 1/4 | -4 | 6.4 | 12.7 | 2.4 | 350 | 9.7 | 1400 | 95 | 65 | 0.13 |
| 801-6-XXX-RL | 10 | 3/8 | -6 | 9.5 | 15.9 | 2.4 | 350 | 9.7 | 1400 | 95 | 75 | 0.16 |
| 801-8-XXX-RL | 12 | 1/2 | -8 | 12.7 | 19.8 | 2.1 | 300 | 8.4 | 1200 | 95 | 125 | 0.27 |
| 801-10-XXX-RL | 16 | 5/8 | -10 | 15.9 | 23.0 | 2.1 | 300 | 8.4 | 1200 | 51 | 150 | 0.28 |
| 801-12-XXX-RL | 19 | 3/4 | -12 | 19.1 | 26.2 | 2.1 | 300 | 8.4 | 1200 | 51 | 180 | 0.36 |
| 801-16-XXX-RL | 25 | 1 | -16 | 25.4 | 32.5 | 1.4 | 200 | 5.6 | 800 | 51 | 250 | 0.55 |

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa
Note: when ordering, specify Push-Lok hose part number, followed by size, followed by colour. Example: 801-4-XXX-RL

- XXX = BLK = black
BLU = blue
RED = red
GRN = green
GRA = grey
YEL = yellow



Example: 801-4-GRN-RL (green)
RL = only available on reels – 801-16-XXX-RL is only available in grey or black

Hose layline example



804

Push-Lok

For high temperature water and phosphate ester fluid

Primary Applications

Injection Moulding: For special tempering circuits.

Restrictions

Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Do not allow tube to contact any petroleum based fluids.

Construction

Tube: EPDM material
Reinforcement: High-tensile fibre braid
Cover: Black EPDM material

Temperature Range up to +80 °C
Exception: Air max. +70 °C
Water max. +93 °C



- For hot water up to +93 °C
- For phosphate ester fluids

Recommended Fluids

Phosphate ester based hydraulic fluids, water, water glycol emulsions, air. Use liquid soap as lubricant. Consult the chemical compatibility section on pages **Ab-22** to **Ab-30** for more detailed information.

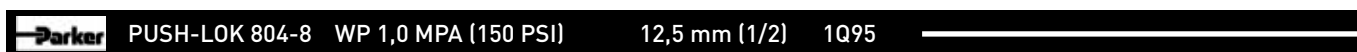
Fitting Series



| Part Number | Hose I.D. | | | | Hose O.D. mm | Pressure Rating | | | | Vaccum* kPa | min. bend radius mm | weight kg |
|-------------|-----------|------|------|------|-----------------|------------------------------|-----|----------------------------|------|----------------|------------------------|--------------|
| | DN | Inch | Size | mm | | max. working pressure MPa | psi | min. burst pressure MPa | psi | | | |
| 804-4-RL | 6 | 1/4 | -4 | 6.4 | 12.7 | 1.7 | 250 | 6.8 | 1000 | 51 | 65 | 0.13 |
| 804-6-RL | 10 | 3/8 | -6 | 9.5 | 15.9 | 1.7 | 250 | 6.8 | 1000 | 51 | 75 | 0.16 |
| 804-8-RL | 12 | 1/2 | -8 | 12.7 | 19.8 | 1.7 | 250 | 6.8 | 1000 | 51 | 130 | 0.27 |
| 804-12-RL | 19 | 3/4 | -12 | 19.1 | 26.2 | 1.7 | 250 | 6.8 | 1000 | 51 | 180 | 0.28 |

RL = only available on reels

Hose layline example



821FR

Push-Lok

With fire retardant hose cover



- Fire retardant hose cover
- Very flexible
- For high level air temperatures

Primary Applications

All Markets: For a variety of applications

Restrictions

Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for fuels (petrol, diesel etc.)

Construction

Tube: Synthetic PKR-rubber
Reinforcement: High-tensile fibre braid
Cover: A fire retardant special fiber outer cover

Temperature Range -40 °C up to +100 °C

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

Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, air, water and water-oil emulsions.
Consult the chemical compatibility section on pages **Ab-22** to **Ab-30** 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 |
|-----------------|-----------|------|------|------|-----------------|-----------------------|-----|---------------------|------|----------------|------------------------|--------------|
| | DN | Inch | Size | mm | | max. working pressure | | min. burst pressure | | | | |
| | | | | | | MPa | psi | MPa | psi | | | |
| 821FR-4-XXX-RL | 6 | 1/4 | -4 | 6.4 | 12.7 | 2.4 | 350 | 9.7 | 1400 | 95 | 65 | 0.12 |
| 821FR-6-XXX-RL | 10 | 3/8 | -6 | 9.5 | 15.9 | 2.0 | 300 | 8.3 | 1200 | 95 | 75 | 0.16 |
| 821FR-8-XXX-RL | 12 | 1/2 | -8 | 12.7 | 19.8 | 2.0 | 300 | 8.3 | 1200 | 95 | 130 | 0.18 |
| 821FR-12-XXX-RL | 19 | 3/4 | -12 | 19.1 | 26.2 | 1.7 | 250 | 6.8 | 1000 | 95 | 180 | 0.33 |

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa
Note: when ordering, specify Push-Lok hose part number, followed by size, followed by colour. Example: 821FR-4-XXX-RL

XXX = BLK = black
BLU = blue
GRN = green



Example: 821FR-4-GRN-RL (green)
RL = only available on reels

Hose layline example

PARKER PUSH-LOK 821FR-8 WP 2,0 MPa (300 PSI) 12,5 mm (1/2) 11-4Q85

830M

Push-Lok

For a variety of applications including automotive

Primary Applications

All Markets: For a variety of applications
Robot and Automotive market:
For hose bundle systems

Restrictions

Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for fuels (petrol, diesel etc.)

Construction

Tube: Polyurethane material
Reinforcement: High-tensile fibre braid
Cover: High performance polyurethane material in different colours

Temperature Range -40 °C up to +80 °C



- Chemical resistant for a wide range of fluids
- High abrasion resistance
- Free of wetting disturbing substances (LABS free)
- Small OD and bend radii
- Excellent UV and ozone resistance

Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, air, water and water-oil emulsions.
Consult the chemical compatibility section on pages **Ab-22** to **Ab-30** 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 |
|----------------|-----------|------|------|------|-----------------|------------------------------|-----|----------------------------|-----|----------------|------------------------|--------------|
| | DN | Inch | Size | mm | | max. working pressure MPa | psi | min. burst pressure MPa | psi | | | |
| 830M-4-XXX-RL | 6 | 1/4 | -4 | 6.4 | 10.7 | 1.6 | 232 | 6.4 | 928 | 10 | 30 | 0.08 |
| 830M-6-XXX-RL | 10 | 3/8 | -6 | 9.5 | 14.9 | 1.6 | 232 | 6.4 | 928 | 10 | 50 | 0.13 |
| 830M-8-XXX-RL | 12 | 1/2 | -8 | 12.7 | 19.1 | 1.6 | 232 | 6.4 | 928 | 10 | 70 | 0.20 |
| 830M-10-XXX-RL | 16 | 5/8 | -10 | 15.9 | 23.0 | 1.6 | 232 | 6.4 | 928 | 10 | 90 | 0.26 |
| 830M-12-XXX-RL | 19 | 3/4 | -12 | 19.1 | 26.0 | 1.6 | 232 | 6.4 | 928 | 10 | 110 | 0.31 |

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa
Note: when ordering, specify Push-Lok hose part number, followed by size, followed by colour. Example: 830M-4-XXX-RL

XXX = BLK = black
BLU = blue
RED = red
GRN = green



Example: 830M-4-GRN-RL (green)
RL = only available on reels

831

Push-Lok

Ideal for petroleum based fluids



- Max. working pressure up to 2.4 MPa
- High temperature level for petroleum based fluids
- Nitrile (NBR) inner tube – extended fluid compatibility

Primary Applications

All Markets: For a wide range of fluids

Restrictions

Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for fuels (petrol, diesel etc.)

Construction

Tube: Nitrile (NBR)
Reinforcement: High-tensile fibre braid
Cover: High performance synthetic rubber in different colours

Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, air, water and water-oil emulsions.
Consult the chemical compatibility section on pages **Ab-22** to **Ab-30** for more detailed information.

Temperature Range -40 °C up to +100 °C

Exception: Air max. +70 °C
Water max. +85 °C

Fitting Series



| Part Number | Hose I.D. | | | | Hose O.D. mm | Pressure Rating | | | | Vacuum* kPa | min. bend radius mm | weight kg |
|---------------|-----------|------|------|------|-----------------|-----------------------|-----|---------------------|------|----------------|------------------------|--------------|
| | DN | Inch | Size | mm | | max. working pressure | | min. burst pressure | | | | |
| | | | | | | MPa | psi | MPa | psi | | | |
| 831-4-XXX-RL | 6 | 1/4 | -4 | 6.4 | 12.7 | 2.4 | 350 | 9.7 | 1400 | 95 | 65 | 0.13 |
| 831-6-XXX-RL | 10 | 3/8 | -6 | 9.5 | 15.9 | 2.0 | 300 | 8.3 | 1200 | 95 | 75 | 0.16 |
| 831-8-XXX-RL | 12 | 1/2 | -8 | 12.7 | 19.8 | 2.0 | 300 | 8.3 | 1200 | 95 | 130 | 0.27 |
| 831-10-XXX-RL | 16 | 5/8 | -10 | 15.9 | 23.0 | 2.0 | 300 | 8.3 | 1200 | 51 | 150 | 0.28 |
| 831-12-XXX-RL | 19 | 3/4 | -12 | 19.1 | 26.2 | 2.0 | 300 | 8.3 | 1200 | 51 | 180 | 0.36 |
| 831-16-XXX-RL | 25 | 1 | -16 | 25.4 | 32.5 | 1.4 | 200 | 5.5 | 800 | 51 | 250 | 0.37 |

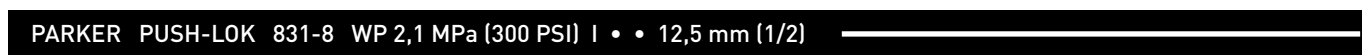
* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa
Note: when ordering, specify Push-Lok hose part number, followed by size, followed by colour. Example: 831-4-XXX-RL

XXX = BLK = black
BLU = blue
RED = red
GRN = green



Example: 831-4-GRN-RL (green)
RL = only available on reels

Hose layline example



836

Push-Lok

For high oil temperatures

Primary Applications

All Markets: Special high temperature applications

Type Approvals

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

Restrictions

Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for fuels (petrol, diesel etc.)

Construction

Tube: Synthetic PKR rubber
Reinforcement: High-tensile fibre braid
Cover: MSHA approved
blue synthetic PKR rubber

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

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



- Max. oil temperature up to +150 °C
- Blue hose cover
- MSHA approved

Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, air, water and water-oil emulsions.
Consult the chemical compatibility section on pages **Ab-22** to **Ab-30** 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 |
|-------------|-----------|------|------|------|-----------------|------------------------------|-----|----------------------------|------|----------------|------------------------|--------------|
| | DN | Inch | Size | mm | | max. working pressure MPa | psi | min. burst pressure MPa | psi | | | |
| 836-4-RL | 6 | 1/4 | -4 | 6.4 | 12.7 | 2.8 | 406 | 11.2 | 1624 | 95 | 65 | 0.13 |
| 836-6-RL | 10 | 3/8 | -6 | 9.5 | 15.7 | 2.8 | 406 | 11.2 | 1624 | 95 | 75 | 0.16 |
| 836-8-RL | 12 | 1/2 | -8 | 12.7 | 19.8 | 2.8 | 406 | 11.2 | 1624 | 95 | 130 | 0.27 |
| 836-10-RL | 16 | 5/8 | -10 | 15.9 | 23.1 | 2.4 | 348 | 9.6 | 1392 | 51 | 150 | 0.28 |
| 836-12-RL | 19 | 3/4 | -12 | 19.1 | 26.2 | 2.1 | 305 | 8.4 | 1220 | 51 | 180 | 0.36 |

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa
RL = only available on reels

Hose layline example

PARKER HI-TEMP PUSH-LOK 836-8 WP 1,7 MPa (250 PSI) MSHA IC-40/22 I • • 12,5 mm (1/2)

837BM

Push-Lok

For a variety of applications including automotive

Primary Applications

All Markets: For a variety of applications
Automotive: For water / air applications

Restrictions

Not permitted for use in air brake systems
Not suitable for high dynamic pulsation systems
Not recommended for fuels (petrol, diesel etc.)
Not recommended for mineral based hydraulic and lubricating oils

Construction

Tube: Synthetic rubber
Reinforcement: High-tensile fibre braid
Cover: High performance synthetic rubber in different colours

Temperature Range -40 °C up to +100 °C

Exception: Air max. +70 °C
Water max. +85 °C



- High level of hose flexibility
- High abrasion resistance
- Free from wetting disturbing substances
- Low push-in forces

Recommended Fluids

Air, dry air, water, water-oil-emulsions and water-glycol-emulsions.

Consult the chemical compatibility section on pages **Ab-22** to **Ab-30** 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 |
|-----------------|-----------|------|------|------|-----------------|-----------------------|-----|---------------------|-----|----------------|------------------------|--------------|
| | DN | Inch | Size | mm | | max. working pressure | | min. burst pressure | | | | |
| | | | | | | MPa | psi | MPa | psi | | | |
| 837BM-4-XXX-RL | 6 | 1/4 | -4 | 6.4 | 12.7 | 1.6 | 235 | 6.4 | 940 | 95 | 65 | 0.13 |
| 837BM-6-XXX-RL | 10 | 3/8 | -6 | 9.5 | 15.9 | 1.6 | 235 | 6.4 | 940 | 95 | 75 | 0.16 |
| 837BM-8-XXX-RL | 12 | 1/2 | -8 | 12.7 | 19.8 | 1.6 | 235 | 6.4 | 940 | 95 | 130 | 0.27 |
| 837BM-10-XXX-RL | 16 | 5/8 | -10 | 15.9 | 23.0 | 1.6 | 235 | 6.4 | 940 | 51 | 150 | 0.28 |
| 837BM-12-XXX-RL | 19 | 3/4 | -12 | 19.1 | 26.2 | 1.6 | 235 | 6.4 | 940 | 51 | 180 | 0.36 |
| 837BM-16-XXX-RL | 25 | 1 | -16 | 25.4 | 32.5 | 1.4 | 200 | 5.6 | 800 | 51 | 250 | 0.55 |

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa
Note: when ordering, specify Push-Lok hose part number, followed by size, followed by colour. Example: 837BM-4-XXX-RL

XXX = BLK = black
BLU = blue
RED = red
GRN = green
GRA = grey



Example: 837BM-4-GRN-RL (green)
RL = only available on reels

Hose layline example



837PU-Plus

Hybrid Push-Lok

For a variety of applications including automotive

Primary Applications

- All Markets: For high demand applications
For energy chain systems
- Robot and Automotive market:
For hose bundle systems

Restrictions

- Not permitted for use in air brake systems
Not suitable for high dynamic pulsation systems
Not recommended for fuels (petrol, diesel etc.)
Not recommended for mineral based hydraulic and lubricating oils

Construction

- Tube: Synthetic rubber
Reinforcement: High-tensile fibre braid
Cover: High performance polyurethane material in different colours

Temperature Range -40 °C up to +100 °C

- Exception: Air max. +70 °C
Water max. +85 °C



- High level of hose flexibility
- High abrasion resistance
- High torsion resistance
- Free from wetting disturbing substances
- Low push-in forces

Recommended Fluids

Air, dry air, water, water-oil-emulsions and water-glycol-emulsions.
Consult the chemical compatibility section on pages **Ab-22** to **Ab-30** 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 |
|-----------------|-----------|------|------|------|-----------------|------------------------------|-----|----------------------------|-----|----------------|------------------------|--------------|
| | DN | Inch | Size | mm | | max. working pressure MPa | psi | min. burst pressure MPa | psi | | | |
| 837PU-4-xxx-RL | 6 | 1/4 | -4 | 6.4 | 12.7 | 1.6 | 235 | 6.4 | 940 | 95 | 30 | 0.11 |
| 837PU-6-xxx-RL | 10 | 3/8 | -6 | 9.5 | 15.9 | 1.6 | 235 | 6.4 | 940 | 95 | 50 | 0.15 |
| 837PU-8-xxx-RL | 12 | 1/2 | -8 | 12.7 | 19.8 | 1.6 | 235 | 6.4 | 940 | 95 | 70 | 0.26 |
| 837PU-10-xxx-RL | 16 | 5/8 | -10 | 15.9 | 23.0 | 1.6 | 235 | 6.4 | 940 | 51 | 90 | 0.27 |
| 837PU-12-xxx-RL | 19 | 3/4 | -12 | 19.1 | 26.2 | 1.6 | 235 | 6.4 | 940 | 51 | 110 | 0.33 |
| 837PU-16-xxx-RL | 25 | 1 | -16 | 25.4 | 32.5 | 1.6 | 235 | 6.4 | 940 | 51 | 180 | 0.52 |

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa
Note: when ordering, specify Push-Lok hose part number, followed by size, followed by colour. Example: 837PU-4-XXX-RL

- XXX = BLK = black
BLU = blue
RED = red
GRN = green
GRA = grey



Example: 837PU-4-GRN-RL (green)
RL = only available on reels

Hose layline example



838M

Push-Lok

For non-conductive applications

Primary Applications

Special Market: For special electrical requirements,
e.g. cooling lines with de-ionized water

Restrictions

Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for fuels (petrol, diesel etc.)

Construction

Tube: Polyurethane material
Reinforcement: High-tensile fibre braid
Cover: Orange coloured polyurethane material

Temperature Range -40 °C up to +80 °C



- Non conductive hose
- High level of hose flexibility

Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, water, water-oil emulsions.
Consult the chemical compatibility section on pages **Ab-22** to **Ab-30** for more detailed information.

Fitting Series





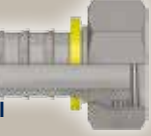


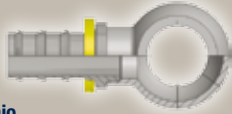




| Part Number | Hose I.D. | | | | Hose O.D. mm | Pressure Rating | | | | Vacuum* kPa | min. bend radius mm | weight kg |
|-------------|-----------|------|------|------|-----------------|------------------------------|-----|----------------------------|-----|----------------|------------------------|--------------|
| | DN | Inch | Size | mm | | max. working pressure MPa | psi | min. burst pressure MPa | psi | | | |
| 838M-4-RL | 6 | 1/4 | -4 | 6.4 | 11.2 | 1.6 | 232 | 6.4 | 928 | 10 | 30 | 0.08 |
| 838M-6-RL | 10 | 3/8 | -6 | 9.5 | 15.0 | 1.6 | 232 | 6.4 | 928 | 10 | 50 | 0.13 |
| 838M-8-RL | 12 | 1/2 | -8 | 12.7 | 19.1 | 1.6 | 232 | 6.4 | 928 | 10 | 70 | 0.20 |
| 838M-10-RL | 16 | 5/8 | -10 | 15.9 | 23.0 | 1.6 | 232 | 6.4 | 928 | 10 | 90 | 0.26 |
| 838M-12-RL | 19 | 3/4 | -12 | 19.1 | 26.0 | 1.6 | 232 | 6.4 | 928 | 10 | 110 | 0.31 |

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa
RL = only available on reels

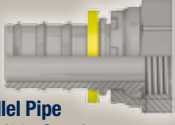





DIN – Metric

Page B1b-1 – B1b-7

| | | | |
|--|---|--|--|
| <p>CA B1b-1 Female Metric 24° Light Series with O-Ring Swivel – Straight ISO 12151-2-SWS-L – DKOL</p>  | <p>CE B1b-1 Female Metric 24° Light Series with O-Ring Swivel – 45° Elbow ISO 12151-2-SWE 45°-L – DKOL 45°</p>  | <p>CF B1b-2 Female Metric 24° Light Series with O-Ring Swivel – 90° Elbow ISO 12151-2-SWE-L – DKOL 90°</p>  | <p>D0 B1b-2 Male Metric 24° Light Series – Rigid Straight ISO 12151-2-S-L – CEL</p>  |
| <p>C3 B1b-3 Female Metric Light Series – Swivel Straight (Ball Nose for 24° or 60° Cone) DKL</p>  | <p>C4 B1b-4 Female Metric Light Series – Swivel 45° Elbow (Ball Nose for 24° or 60° Cone) DKL 45°</p>  | <p>C5 B1b-5 Female Metric Light Series – Swivel 90° Elbow (Ball Nose for 24° or 60° Cone) DKL 90°</p>  | <p>49 B1b-6 Metric Banjo Straight DIN 7642</p>  |
| <p>9B B1b-6 Female Metric Swivel Light Series 45° Elbow (Ball Nose for 24° or 60° Cone)</p>  | <p>9C B1b-7 Female Metric Swivel Light Series 90° Elbow (Ball Nose for 24° or 60° Cone)</p>  | | |




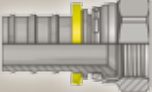



BSP

Page B1b-8 – B1b-10

| | | | |
|---|---|--|--|
| <p>92 B1b-8 Female BSP Parallel Pipe Swivel – Straight (60° Cone) BS5200-A – DKR</p>  | <p>B1 B1b-8 Female BSP Parallel Pipe Swivel 45° Elbow (60° Cone) BS 5200-D – DKR 45°</p>  | <p>B2 B1b-9 Female BSP Parallel Pipe Swivel 90° Elbow (60° Cone) BS 5200-B – DKR 90°</p>  | <p>D9 B1b-9 Male BSP Parallel Pipe Rigid – Straight (60° Cone) BS5200 – AGR</p>  |
| <p>91 B1b-10 Male BSP Taper Pipe – Rigid Straight BS5200 – AGR-K</p>  | <p>34 B1b-10 Inch Standpipe (Brass)</p>  | | |

SAE

Page B1b-11 – B1b-14

| | | | |
|--|--|--|---|
| <p>01 B1b-11 Male NPTF Pipe Rigid – Straight SAE J476A / J516 – AGN</p>  | <p>02 B1b-11 Female NPTF Pipe – Rigid Straight SAE J476A / J516</p>  | <p>03 B1b-12 Male JIC 37° – Rigid Straight ISO12151-5-S – AGJ</p>  | <p>06/68 B1b-12 Female – JIC 37° SAE 45° Dual Flare Swivel – Straight ISO12151-5-SWS – DKJ</p>  |
| <p>08 B1b-13 Female SAE 45° – Swivel Straight SAE J516</p>  | <p>37/3V B1b-13 Female JIC 37° SAE 45° – Dual Flare Swivel Female 45° Elbow ISO 12151-5-SWE 45° – DKJ 45°</p>  | <p>39/3W B1b-14 Female JIC 37° SAE 45° – Dual Flare Swivel Female 90° Elbow ISO 12151-5-SWES – DKJ 90°</p>  | |

ORFS

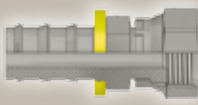
Page B1b-15

JC

B1b-15

Female ORFS
Swivel – Straight
Short

ISO 12151-1 – SWSA SAE J516 – ORFS



Others

Page B1b-16 – B1b-18

FF

B1b-16

Metru-Lok Swivel Female



AF

B1b-16

Male BSP Parallel Pipe
Rigid – Straight
(with O-ring Seal)



82

B1b-17

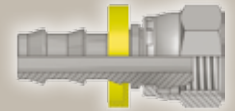
Push-Lok® Union



5C

B1b-17

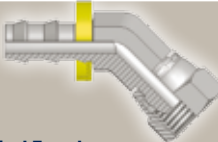
60° Cone Swivel Female



6C

B1b-18

60° Cone Swivel Female
45° Elbow



7C

B1b-18

60° Cone Swivel Female
90° Elbow



82 Series

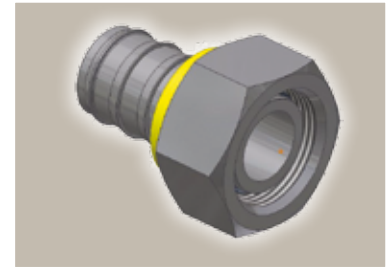
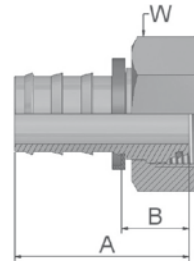
Assembly Instructions / Tools

Page B1b-19

CA

Female Metric 24° Light Series with O-Ring Swivel – Straight

ISO 12151-2-SWS-L – DKOL



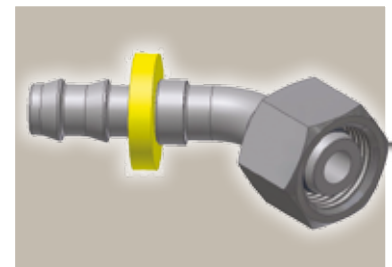
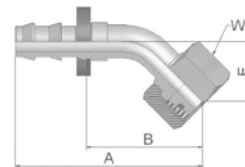
| Part Number | Hose I.D. | | | | Thread metric | Tube O.D. mm | A mm | B mm | W mm |
|--------------|-----------|------|------|------|------------------|--------------------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | | |
| 3CA82-6-4B | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 6 | 40 | 21 | 14 |
| 3CA82-6-4 | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 6 | 40 | 21 | 14 |
| 3CA82-8-4 | 6 | 1/4 | -4 | 6.4 | M14x1.5 | 8 | 36 | 17 | 17 |
| 3CA82-8-4B | 6 | 1/4 | -4 | 6.4 | M14x1.5 | 8 | 36 | 17 | 17 |
| 3CA82-10-4 | 6 | 1/4 | -4 | 6.4 | M16x1.5 | 10 | 36 | 17 | 19 |
| 3CA82-10-6 | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 40 | 17 | 19 |
| 3CA82-10-6B | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 39 | 17 | 19 |
| 3CA82-12-6 | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 40 | 17 | 22 |
| 3CA82-12-6B | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 39 | 17 | 22 |
| 3CA82-15-8 | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 44 | 18 | 27 |
| 3CA82-15-8B | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 44 | 17 | 27 |
| 3CA82-15-10B | 16 | 5/8 | -10 | 15.9 | M22x1.5 | 15 | 60 | 23 | 27 |
| 3CA82-18-10 | 16 | 5/8 | -10 | 15.9 | M26x1.5 | 18 | 56 | 19 | 32 |
| 3CA82-22-12B | 19 | 3/4 | -12 | 19.1 | M30x2 | 22 | 58 | 21 | 36 |
| 3CA82-22-12 | 19 | 3/4 | -12 | 19.1 | M30x2 | 22 | 58 | 21 | 36 |

82 Series

CE

Female Metric 24° Light Series with O-Ring Swivel – 45° Elbow

ISO 12151-2-SWE 45°-L – DKOL 45°



| Part Number | Hose I.D. | | | | Thread metric | Tube O.D. mm | A mm | B mm | E mm | W mm |
|-------------|-----------|------|------|------|------------------|--------------------|---------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | | | |
| 3CE82-6-4 | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 6 | 56 | 37 | 21 | 14 |
| 3CE82-8-4 | 6 | 1/4 | -4 | 6.4 | M14x1.5 | 8 | 51 | 31 | 16 | 17 |
| 3CE82-10-6 | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 59 | 37 | 19 | 19 |
| 3CE82-12-6 | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 60 | 37 | 19 | 22 |
| 3CE82-15-8 | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 69 | 43 | 21 | 27 |
| 3CE82-18-10 | 16 | 5/8 | -10 | 15.9 | M26x1.5 | 18 | 83 | 46 | 23 | 32 |
| 3CE82-22-12 | 19 | 3/4 | -12 | 19.1 | M30x2 | 22 | 97 | 60 | 26 | 36 |

Also available in stainless steel. Details can be found in CAT 4400.1/UK

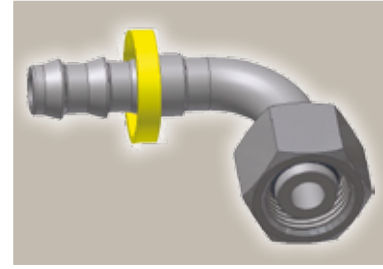
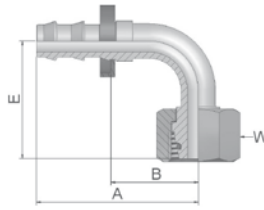
Approved fitting series for hose types:

B: Brass; SM: Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

CF Female Metric 24° Light Series with O-Ring Swivel – 90° Elbow

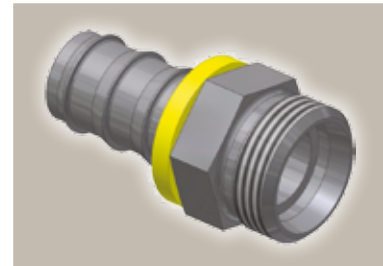
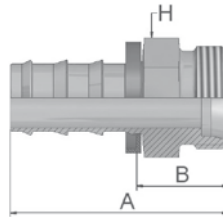
ISO 12151-2-SWE-L – DKOL 90°



| Part Number | Hose I.D. | | | | Thread metric | Tube O.D. mm | A mm | B mm | E mm | W mm |
|-------------|-----------|------|------|------|------------------|--------------------|---------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | | | |
| 3CF82-6-4 | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 6 | 42 | 23 | 36 | 14 |
| 3CF82-8-4 | 6 | 1/4 | -4 | 6.4 | M14x1.5 | 8 | 41 | 23 | 29 | 17 |
| 3CF82-10-4 | 6 | 1/4 | -4 | 6.4 | M16x1.5 | 10 | 42 | 23 | 31 | 19 |
| 3CF82-10-6 | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 49 | 27 | 35 | 19 |
| 3CF82-10-6B | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 49 | 27 | 35 | 19 |
| 3CF82-12-6B | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 49 | 27 | 35 | 22 |
| 3CF82-12-6 | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 49 | 27 | 35 | 22 |
| 3CF82-15-8B | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 60 | 34 | 41 | 27 |
| 3CF82-15-8 | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 60 | 34 | 41 | 27 |
| 3CF82-18-10 | 16 | 5/8 | -10 | 15.9 | M26x1.5 | 18 | 74 | 37 | 45 | 32 |
| 3CF82-22-12 | 19 | 3/4 | -12 | 19.1 | M30x2 | 22 | 88 | 52 | 55 | 36 |

DO Male Metric 24° Light Series – Rigid Straight

ISO 12151-2-S-L – CEL



| Part Number | Hose I.D. | | | | Thread metric | Tube O.D. mm | A mm | B mm | H mm |
|---------------|-----------|------|------|------|------------------|--------------------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | | |
| 3D082-6-4 | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 6 | 35 | 16 | 12 |
| 3D082-8-4 | 6 | 1/4 | -4 | 6.4 | M14x1.5 | 8 | 36 | 17 | 14 |
| 3D082-10-6B | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 41 | 18 | 17 |
| 3D082-10-6 | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 41 | 18 | 17 |
| 3D082-12-6B | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 41 | 18 | 19 |
| 3D082-12-6 | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 41 | 18 | 19 |
| 3D082-15-8BK | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 49 | 22 | 22 |
| 3D082-15-8B | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 49 | 22 | 22 |
| 3D082-15-8 | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 49 | 23 | 22 |
| 3D082-18-8 | 12 | 1/2 | -8 | 12.7 | M26x1.5 | 18 | 48 | 21 | 27 |
| 3D082-18-10 | 16 | 5/8 | -10 | 15.9 | M26x1.5 | 18 | 58 | 21 | 27 |
| 3D082-22-12B | 19 | 3/4 | -12 | 19.1 | M30x2 | 22 | 63 | 27 | 30 |
| 3D082-22-12 | 19 | 3/4 | -12 | 19.1 | M30x2 | 22 | 63 | 27 | 30 |
| 3D082-22-12BK | 19 | 3/4 | -12 | 19.1 | M30x2 | 22 | 63 | 27 | 30 |

Also available in stainless steel. Details can be found in CAT 4400.1/UK

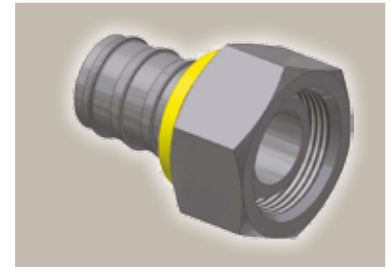
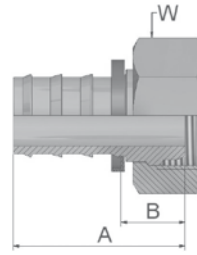
Approved **fitting series** for hose types:

B: Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

C3 Female Metric Light Series – Swivel Straight (Ball Nose for 24° or 60° Cone)

DKL



| Part Number | Hose I.D. | | | | Thread metric | Tube O.D. mm | A mm | B mm | W mm |
|---------------|-----------|------|------|------|------------------|--------------------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | | |
| 3C382-6-4 | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 6 | 33 | 14 | 14 |
| 3C382-6-4BK | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 6 | 33 | 14 | 14 |
| 3C382-6-4B | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 6 | 33 | 14 | 14 |
| 3C382-8-4 | 6 | 1/4 | -4 | 6.4 | M14x1.5 | 8 | 33 | 14 | 17 |
| 3C382-8-4BK | 6 | 1/4 | -4 | 6.4 | M14x1.5 | 8 | 36 | 17 | 19 |
| 3C382-8-4B | 6 | 1/4 | -4 | 6.4 | M14x1.5 | 8 | 36 | 17 | 19 |
| 3C382-10-4 | 6 | 1/4 | -4 | 6.4 | M16x1.5 | 10 | 34 | 15 | 19 |
| 3C382-10-4BK | 6 | 1/4 | -4 | 6.4 | M16x1.5 | 10 | 34 | 15 | 19 |
| 3C382-10-6 | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 37 | 15 | 19 |
| 3C382-10-6BK | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 40 | 17 | 19 |
| 3C382-10-6B | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 40 | 17 | 19 |
| 3C382-12-6BK | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 40 | 17 | 22 |
| 3C382-12-6 | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 38 | 16 | 22 |
| 3C382-15-8 | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 42 | 15 | 27 |
| 3C382-15-8B | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 46 | 19 | 27 |
| 3C382-15-8BK | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 46 | 19 | 27 |
| 3C382-15-10 | 16 | 5/8 | -10 | 15.9 | M22x1.5 | 15 | 56 | 19 | 27 |
| 3C382-18-10B | 16 | 5/8 | -10 | 15.9 | M26x1.5 | 18 | 58 | 22 | 32 |
| 3C382-18-10 | 16 | 5/8 | -10 | 15.9 | M26x1.5 | 18 | 53 | 17 | 32 |
| 3C382-18-10BK | 16 | 5/8 | -10 | 15.9 | M26x1.5 | 18 | 58 | 22 | 32 |
| 3C382-22-12B | 19 | 3/4 | -12 | 19.1 | M30x2 | 22 | 58 | 22 | 36 |
| 3C382-22-12 | 19 | 3/4 | -12 | 19.1 | M30x2 | 22 | 53 | 17 | 36 |
| 3C382-22-12BK | 19 | 3/4 | -12 | 19.1 | M30x2 | 22 | 58 | 22 | 36 |
| 3C382-28-16 | 25 | 1 | -16 | 25.4 | M36x2 | 28 | 58 | 22 | 41 |
| 3C382-28-16-K | 25 | 1 | -16 | 25.4 | M36x2 | 28 | 58 | 22 | 41 |
| 3C382-28-16BK | 25 | 1 | -16 | 25.4 | M36x2 | 28 | 58 | 22 | 41 |

82 Series

Also available in stainless steel. Details can be found in CAT 4400.1/UK

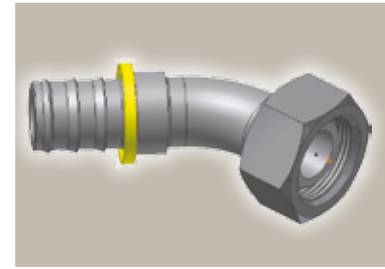
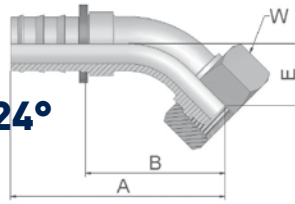
Approved **fitting series** for hose types:

B: Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

C4 Female Metric Light Series – Swivel 45° Elbow (Ball Nose for 24° or 60° Cone)

DKL 45°



| Part Number | Hose I.D. | | | | Thread metric | Tube O.D. mm | A mm | B mm | E mm | W mm |
|---------------|-----------|------|------|------|------------------|--------------------|---------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | | | |
| 3C482-6-4 | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 6 | 51 | 32 | 16 | 14 |
| 3C482-6-4B | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 6 | 51 | 32 | 16 | 14 |
| 3C482-8-4 | 6 | 1/4 | -4 | 6.4 | M14x1.5 | 8 | 51 | 32 | 16 | 17 |
| 3C482-8-4B | 6 | 1/4 | -4 | 6.4 | M14x1.5 | 8 | 51 | 32 | 16 | 17 |
| 3C482-10-6 | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 58 | 35 | 18 | 19 |
| 3C482-10-6B | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 58 | 35 | 17 | 19 |
| 3C482-12-6 | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 59 | 36 | 18 | 22 |
| 3C482-12-6B | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 58 | 36 | 18 | 22 |
| 3C482-15-8B | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 67 | 41 | 19 | 27 |
| 3C482-15-8 | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 68 | 41 | 19 | 27 |
| 3C482-15-10 | 16 | 5/8 | -10 | 15.9 | M22x1.5 | 15 | 82 | 45 | 21 | 27 |
| 3C482-15-10B | 16 | 5/8 | -10 | 15.9 | M22x1.5 | 15 | 82 | 45 | 21 | 27 |
| 3C482-18-10 | 16 | 5/8 | -10 | 15.9 | M26x1.5 | 18 | 81 | 45 | 21 | 32 |
| 3C482-18-10B | 16 | 5/8 | -10 | 15.9 | M26x1.5 | 18 | 81 | 45 | 21 | 32 |
| 3C482-18-12 | 19 | 3/4 | -12 | 19.1 | M26x1.5 | 18 | 96 | 60 | 26 | 32 |
| 3C482-22-12 | 19 | 3/4 | -12 | 19.1 | M30x2 | 22 | 88 | 52 | 23 | 36 |
| 3C482-22-12B | 19 | 3/4 | -12 | 19.1 | M30x2 | 22 | 88 | 52 | 23 | 36 |
| 3C482-28-16-K | 25 | 1 | -16 | 25.4 | M36x2 | 28 | 110 | 73 | 31 | 41 |

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

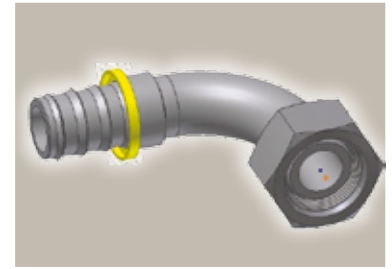
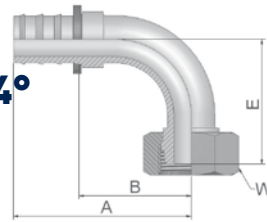
B: Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

C5

**Female Metric
Light Series – Swivel
90° Elbow (Ball Nose for 24°
or 60° Cone)**

DKL 90°



| Part Number | Hose I.D. | | | | Thread metric | Tube O.D. mm | A mm | B mm | E mm | W mm |
|---------------|-----------|------|------|------|------------------|--------------------|---------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | | | |
| 3C582-6-4 | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 6 | 42 | 23 | 29 | 14 |
| 3C582-8-4 | 6 | 1/4 | -4 | 6.4 | M14x1.5 | 8 | 42 | 23 | 29 | 17 |
| 3C582-8-4B | 6 | 1/4 | -4 | 6.4 | M14x1.5 | 8 | 41 | 23 | 29 | 17 |
| 3C582-10-4 | 6 | 1/4 | -4 | 6.4 | M16x1.5 | 10 | 42 | 23 | 29 | 19 |
| 3C582-10-6 | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 49 | 27 | 33 | 19 |
| 3C582-12-6B | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 49 | 27 | 34 | 22 |
| 3C582-12-6 | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 49 | 27 | 34 | 22 |
| 3C582-15-8 | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 65 | 38 | 39 | 27 |
| 3C582-15-8B | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 65 | 38 | 39 | 27 |
| 3C582-18-10B | 16 | 5/8 | -10 | 15.9 | M26x1.5 | 18 | 74 | 37 | 43 | 32 |
| 3C582-18-10 | 16 | 5/8 | -10 | 15.9 | M26x1.5 | 18 | 74 | 37 | 43 | 32 |
| 3C582-22-12B | 19 | 3/4 | -12 | 19.1 | M30x2 | 22 | 88 | 52 | 50 | 36 |
| 3C582-22-12 | 19 | 3/4 | -12 | 19.1 | M30x2 | 22 | 88 | 51 | 50 | 36 |
| 3C582-28-16B | 25 | 1 | -16 | 25.4 | M36x2 | 28 | 101 | 64 | 66 | 41 |
| 3C582-28-16-K | 25 | 1 | -16 | 25.4 | M36x2 | 28 | 99 | 61 | 70 | 41 |

82 Series

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

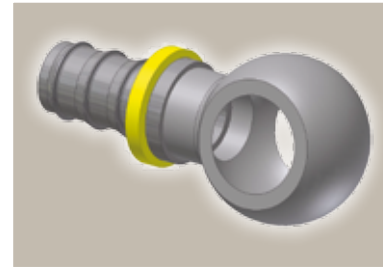
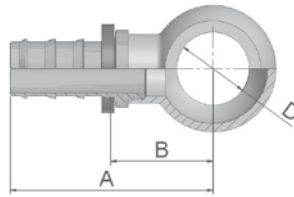
B: Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M



49 Metric Banjo Straight

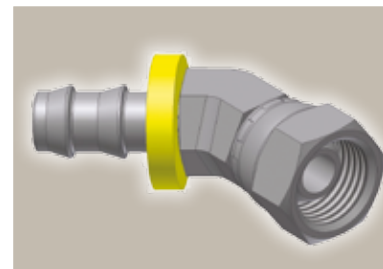
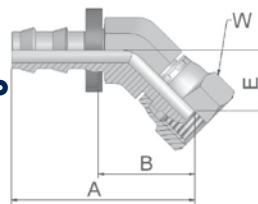
DIN 7642



| Part Number | Hose I.D. | | | | A mm | B mm | D mm |
|-------------|-----------|------|------|------|---------|---------|---------|
| | DN | Inch | Size | mm | | | |
| 34982-8-4 | 6 | 1/4 | -4 | 6.4 | 36 | 17 | 8 |
| 34982-10-4 | 6 | 1/4 | -4 | 6.4 | 38 | 19 | 10 |
| 34982-12-4 | 6 | 1/4 | -4 | 6.4 | 40 | 21 | 12 |
| 34982-14-4 | 6 | 1/4 | -4 | 6.4 | 42 | 23 | 14 |
| 34982-10-6 | 10 | 3/8 | -6 | 9.5 | 42 | 19 | 10 |
| 34982-12-6 | 10 | 3/8 | -6 | 9.5 | 44 | 21 | 12 |
| 34982-14-6 | 10 | 3/8 | -6 | 9.5 | 47 | 24 | 14 |
| 34982-16-6 | 10 | 3/8 | -6 | 9.5 | 49 | 26 | 16 |
| 34982-17-6 | 10 | 3/8 | -6 | 9.5 | 49 | 26 | 17 |
| 34982-14-8 | 12 | 1/2 | -8 | 12.7 | 51 | 25 | 14 |
| 34982-18-8 | 12 | 1/2 | -8 | 12.7 | 55 | 28 | 18 |
| 34982-22-8 | 12 | 1/2 | -8 | 12.7 | 57 | 31 | 22 |
| 34982-22-10 | 16 | 5/8 | -10 | 15.9 | 68 | 32 | 22 |
| 34982-26-12 | 19 | 3/4 | -12 | 19.1 | 74 | 38 | 26 |

9B Female Metric Swivel Light Series

45° Elbow (Ball Nose for 24° or 60° Cone)



| Part Number | Hose I.D. | | | | Thread metric | Tube O.D. mm | A mm | B mm | E mm | W mm |
|--------------|-----------|------|------|------|------------------|--------------------|---------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | | | |
| 39B82-6-4BK | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 6 | 44 | 25 | 16 | 14 |
| 39B82-8-4BK | 6 | 1/4 | -4 | 6.4 | M14x1.5 | 8 | 43 | 24 | 15 | 19 |
| 39B82-10-6BK | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 48 | 25 | 16 | 19 |
| 39B82-12-6BK | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 50 | 27 | 17 | 22 |
| 39B82-15-8BK | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 54 | 28 | 18 | 27 |

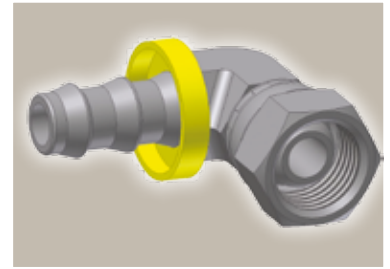
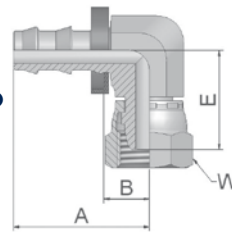
Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

B: Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

9C **Female Metric Swivel
Light Series
90° Elbow (Ball Nose for 24°
or 60° Cone)**



| Part Number | Hose I.D. | | | | Thread metric | Tube O.D. mm | A mm | B mm | E mm | W mm |
|--------------|-----------|------|------|------|------------------|--------------------|---------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | | | |
| 39C82-6-4BK | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 6 | 30 | 11 | 22 | 14 |
| 39C82-8-4BK | 6 | 1/4 | -4 | 6.4 | M14x1.5 | 8 | 30 | 11 | 22 | 19 |
| 39C82-10-6BK | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 10 | 34 | 12 | 25 | 19 |
| 39C82-12-6BK | 10 | 3/8 | -6 | 9.5 | M18x1.5 | 12 | 34 | 11 | 25 | 22 |
| 39C82-15-8BK | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 15 | 42 | 16 | 32 | 27 |

82 Series

Also available in stainless steel. Details can be found in CAT 4400.1/UK

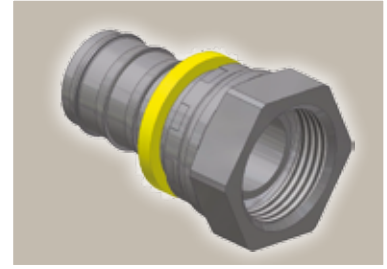
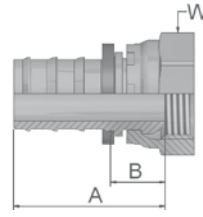
Approved **fitting series** for hose types:

B: Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

92 Female BSP Parallel Pipe Swivel – Straight (60° Cone)

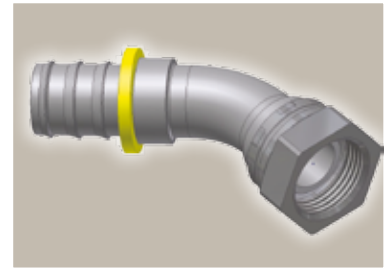
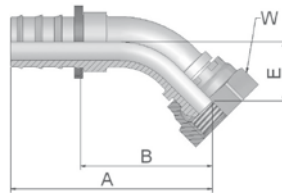
BS5200-A – DKR



| Part Number | Hose I.D. | | | | Thread BSP | A mm | B mm | W mm |
|--------------|-----------|------|------|------|---------------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | |
| 39282-4-4 | 6 | 1/4 | -4 | 6.4 | 1/4x19 | 33 | 14 | 17 |
| 39282-4-4B | 6 | 1/4 | -4 | 6.4 | 1/4x19 | 36 | 16 | 17 |
| 39282-6-4B | 6 | 1/4 | -4 | 6.4 | 3/8x19 | 37 | 18 | 22 |
| 39282-6-6 | 10 | 3/8 | -6 | 9.5 | 3/8x19 | 37 | 14 | 19 |
| 39282-8-8B | 12 | 1/2 | -8 | 12.7 | 1/2x14 | 46 | 19 | 27 |
| 39282-8-8 | 12 | 1/2 | -8 | 12.7 | 1/2x14 | 42 | 15 | 27 |
| 39282-10-10 | 16 | 5/8 | -10 | 15.9 | 5/8x14 | 53 | 16 | 30 |
| 39282-10-10B | 16 | 5/8 | -10 | 15.9 | 5/8x14 | 55 | 18 | 30 |
| 39282-12-12 | 19 | 3/4 | -12 | 19.1 | 3/4x14 | 58 | 21 | 32 |
| 39282-16-16B | 25 | 1 | -16 | 25.4 | 1x11 | 57 | 21 | 41 |

B1 Female BSP Parallel Pipe Swivel 45° Elbow (60° Cone)

BS 5200-D – DKR 45°



| Part Number | Hose I.D. | | | | Thread BSP | A mm | B mm | E mm | W mm |
|---------------|-----------|------|------|------|---------------|---------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | | |
| 3B182-4-4 | 6 | 1/4 | -4 | 6.4 | 1/4x19 | 51 | 32 | 16 | 17 |
| 3B182-6-6 | 10 | 3/8 | -6 | 9.5 | 3/8x19 | 58 | 35 | 17 | 19 |
| 3B182-6-6B | 10 | 3/8 | -6 | 9.5 | 3/8x19 | 58 | 35 | 17 | 19 |
| 3B182-8-8B | 12 | 1/2 | -8 | 12.7 | 1/2x14 | 67 | 41 | 19 | 27 |
| 3B182-8-8 | 12 | 1/2 | -8 | 12.7 | 1/2x14 | 68 | 41 | 19 | 27 |
| 3B182-10-10 | 16 | 5/8 | -10 | 15.9 | 5/8x14 | 81 | 45 | 21 | 30 |
| 3B182-12-12 | 19 | 3/4 | -12 | 19.1 | 3/4x14 | 92 | 55 | 27 | 32 |
| 3B182-16-16-K | 25 | 1 | -16 | 25.4 | 1x11 | 107 | 70 | 33 | 41 |

Also available in stainless steel. Details can be found in CAT 4400.1/UK

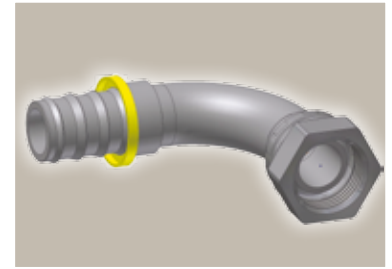
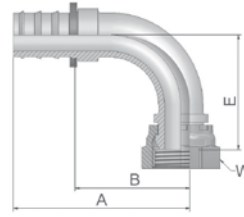
Approved **fitting series** for hose types:

B: Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

B2 Female BSP Parallel Pipe Swivel 90° Elbow (60° Cone)

BS 5200-B – DKR 90°

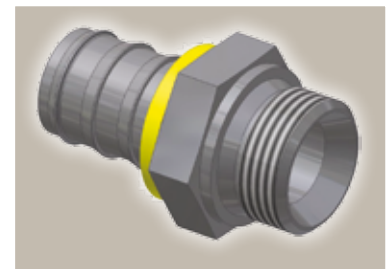
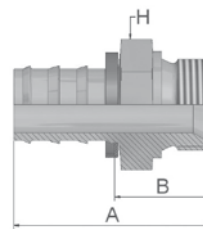


| Part Number | Hose I.D. | | | | Thread BSP | A mm | B mm | E mm | W mm |
|---------------|-----------|------|------|------|---------------|---------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | | |
| 3B282-4-4 | 6 | 1/4 | -4 | 6.4 | 1/4x19 | 42 | 23 | 29 | 17 |
| 3B282-6-6 | 10 | 3/8 | -6 | 9.5 | 3/8x19 | 49 | 26 | 33 | 19 |
| 3B282-8-8B | 12 | 1/2 | -8 | 12.7 | 1/2x14 | 60 | 34 | 39 | 27 |
| 3B282-8-8 | 12 | 1/2 | -8 | 12.7 | 1/2x14 | 60 | 34 | 39 | 27 |
| 3B282-10-8 | 12 | 1/2 | -8 | 12.7 | 5/8x14 | 58 | 32 | 40 | 30 |
| 3B282-10-10 | 16 | 5/8 | -10 | 15.9 | 5/8x14 | 74 | 37 | 43 | 30 |
| 3B282-10-10B | 16 | 5/8 | -10 | 15.9 | 5/8x14 | 74 | 37 | 44 | 30 |
| 3B282-12-12 | 19 | 3/4 | -12 | 19.1 | 3/4x14 | 83 | 46 | 53 | 32 |
| 3B282-12-12B | 19 | 3/4 | -12 | 19.1 | 3/4x14 | 83 | 46 | 53 | 32 |
| 3B282-16-16-K | 25 | 1 | -16 | 25.4 | 1x11 | 99 | 61 | 68 | 41 |

82 Series

D9 Male BSP Parallel Pipe Rigid – Straight (60° Cone)

BS5200 – AGR



| Part Number | Hose I.D. | | | | Thread BSP | A mm | B mm | H mm |
|-------------|-----------|------|------|------|---------------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | |
| 3D982-2-4 | 6 | 1/4 | -4 | 6.4 | 1/8x28 | 36 | 17 | 14 |
| 3D982-4-4B | 6 | 1/4 | -4 | 6.4 | 1/4x19 | 41 | 23 | 19 |
| 3D982-4-4 | 6 | 1/4 | -4 | 6.4 | 1/4x19 | 41 | 23 | 19 |
| 3D982-4-6B | 10 | 3/8 | -6 | 9.5 | 1/4x19 | 44 | 21 | 19 |
| 3D982-4-6 | 10 | 3/8 | -6 | 9.5 | 1/4x19 | 44 | 21 | 19 |
| 3D982-6-6 | 10 | 3/8 | -6 | 9.5 | 3/8x19 | 45 | 23 | 22 |
| 3D982-8-8B | 12 | 1/2 | -8 | 12.7 | 1/2x14 | 53 | 27 | 27 |
| 3D982-8-8 | 12 | 1/2 | -8 | 12.7 | 1/2x14 | 53 | 27 | 27 |
| 3D982-8-10 | 16 | 5/8 | -10 | 15.9 | 1/2x14 | 62 | 25 | 27 |
| 3D982-12-12 | 19 | 3/4 | -12 | 19.1 | 3/4x14 | 65 | 28 | 32 |

Also available in stainless steel. Details can be found in CAT 4400.1/UK

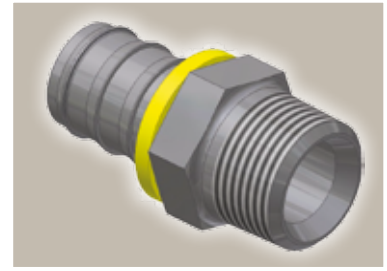
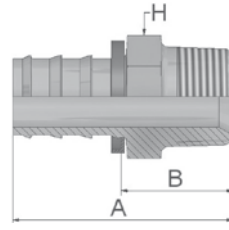
Approved **fitting series** for hose types:

B: Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

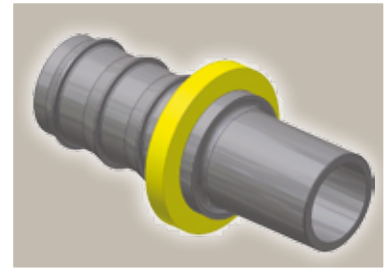
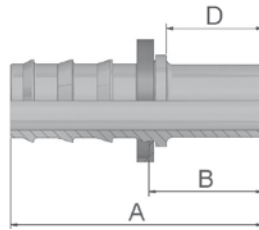
91 Male BSP Taper Pipe – Rigid Straight

BS5200 – AGR-K



| Part Number | Hose I.D. | | | | Thread BSP | A mm | B mm | H mm |
|--------------|-----------|------|------|------|---------------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | |
| 39182-2-4B | 6 | 1/4 | -4 | 6.4 | 1/8x28 | 37 | 18 | 12 |
| 39182-4-4B | 6 | 1/4 | -4 | 6.4 | 1/4x19 | 40 | 21 | 14 |
| 39182-4-6B | 10 | 3/8 | -6 | 9.5 | 1/4x19 | 44 | 21 | 14 |
| 39182-6-6B | 10 | 3/8 | -6 | 9.5 | 3/8x19 | 45 | 22 | 19 |
| 39182-6-8B | 12 | 1/2 | -8 | 12.7 | 3/8x19 | 49 | 22 | 19 |
| 39182-8-8B | 12 | 1/2 | -8 | 12.7 | 1/2x14 | 55 | 29 | 22 |
| 39182-8-10B | 16 | 5/8 | -10 | 15.9 | 1/2x14 | 65 | 28 | 22 |
| 39182-12-10B | 16 | 5/8 | -10 | 15.9 | 3/4x14 | 69 | 32 | 30 |
| 39182-12-12B | 19 | 3/4 | -12 | 19.1 | 3/4x14 | 69 | 32 | 30 |

34 Inch Standpipe (Brass)



| Part Number | Hose I.D. | | | | A mm | B mm | D mm |
|--------------|-----------|------|------|------|---------|---------|---------|
| | DN | Inch | Size | mm | | | |
| 33482-4-4B | 6 | 1/4 | -4 | 6.4 | 48 | 29 | 26 |
| 33482-6-6B | 10 | 3/8 | -6 | 9.5 | 57 | 34 | 31 |
| 33482-8-8B | 12 | 1/2 | -8 | 12.7 | 55 | 28 | 25 |
| 33482-10-10B | 16 | 5/8 | -10 | 15.9 | 67 | 30 | 25 |
| 33482-12-12B | 19 | 3/4 | -12 | 19.1 | 67 | 30 | 25 |

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

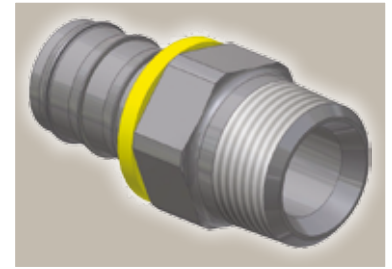
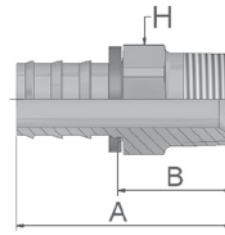
B: Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

01

Male NPTF Pipe Rigid – Straight

SAE J476A/ J516 – AGN



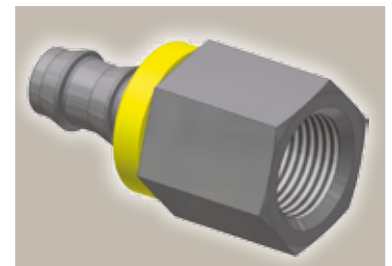
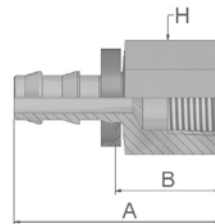
| Part Number | Hose I.D. | | | | Thread NPTF | A mm | B mm | H | |
|----------------|-----------|------|------|------|----------------|---------|---------|--------|------|
| | DN | Inch | Size | mm | | | | mm | Inch |
| 30182-2-4B | 6 | 1/4 | -4 | 6.4 | 1/8x27 | 35 | 16 | 7/16 | |
| 30182-2-4-SM | 6 | 1/4 | -4 | 6.4 | 1/8x27 | 35 | 16 | 12 | |
| 30182-4-4-SM | 6 | 1/4 | -4 | 6.4 | 1/4x18 | 40 | 21 | 14 | |
| 30182-4-4B | 6 | 1/4 | -4 | 6.4 | 1/4x18 | 40 | 21 | 9/16 | |
| 30182-6-4 | 6 | 1/4 | -4 | 6.4 | 3/8x18 | 42 | 22 | 11/16 | |
| 30182-6-4B | 6 | 1/4 | -4 | 6.4 | 3/8x18 | 42 | 22 | 11/16 | |
| 30182-4-6-SM | 10 | 3/8 | -6 | 9.5 | 1/4x18 | 45 | 23 | 14 | |
| 30182-4-6B | 10 | 3/8 | -6 | 9.5 | 1/4x18 | 45 | 22 | 9/16 | |
| 30182-6-6-SM | 10 | 3/8 | -6 | 9.5 | 3/8x18 | 45 | 23 | 19 | |
| 30182-8-6-SM | 10 | 3/8 | -6 | 9.5 | 1/2x14 | 52 | 29 | 22 | |
| 30182-8-6B-SM | 10 | 3/8 | -6 | 9.5 | 1/2x14 | 52 | 29 | 22 | |
| 30182-6-8B | 12 | 1/2 | -8 | 12.7 | 3/8x18 | 49 | 22 | 11/16 | |
| 30182-8-8B-SM | 12 | 1/2 | -8 | 12.7 | 1/2x14 | 55 | 29 | 22 | |
| 30182-8-8-SM | 12 | 1/2 | -8 | 12.7 | 1/2x14 | 55 | 29 | 22 | |
| 30182-8-10B | 16 | 5/8 | -10 | 15.9 | 1/2x14 | 66 | 29 | 7/8 | |
| 30182-8-10-SM | 16 | 5/8 | -10 | 15.9 | 1/2x14 | 66 | 29 | 22 | |
| 30182-12-10 | 16 | 5/8 | -10 | 15.9 | 3/4x14 | 66 | 29 | 1 1/16 | |
| 30182-8-12-SM | 19 | 3/4 | -12 | 19.1 | 1/2x14 | 66 | 29 | 22 | |
| 30182-8-12B | 19 | 3/4 | -12 | 19.1 | 1/2x14 | 66 | 29 | 7/8 | |
| 30182-12-12-SM | 19 | 3/4 | -12 | 19.1 | 3/4x14 | 66 | 30 | 27 | |
| 30182-12-12 | 19 | 3/4 | -12 | 19.1 | 3/4x14 | 66 | 29 | 1 1/16 | |
| 30182-12-12B | 19 | 3/4 | -12 | 19.1 | 3/4x14 | 66 | 29 | 1 1/16 | |

82 Series

02

Female NPTF Pipe – Rigid Straight

SAE J476A/ J516



| Part Number | Hose I.D. | | | | Thread NPTF | A mm | B mm | H | |
|-------------|-----------|------|------|------|----------------|---------|---------|--------|------|
| | DN | Inch | Size | mm | | | | mm | Inch |
| 30282-4-4B | 6 | 1/4 | -4 | 6.4 | 1/4x18 | 40 | 21 | 3/4 | |
| 30282-6-6B | 10 | 3/8 | -6 | 9.5 | 3/8x18 | 46 | 23 | 7/8 | |
| 30282-8-8B | 12 | 1/2 | -8 | 12.7 | 1/2x14 | 55 | 28 | 1 1/16 | |

Also available in stainless steel. Details can be found in CAT 4400.1/UK

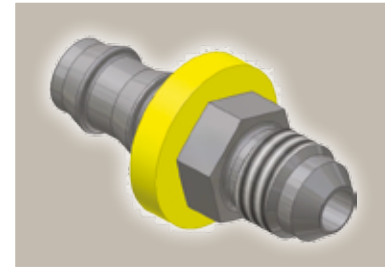
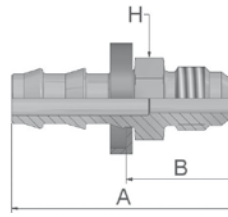
Approved **fitting series** for hose types:

B: Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

03 Male JIC 37° – Rigid Straight

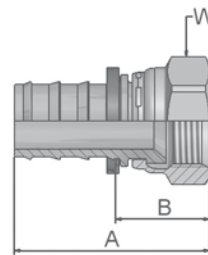
ISO12151-5-S – AGJ



| Part Number | Hose I.D. | | | | Thread NPTF | A mm | B mm | H Inch |
|--------------|-----------|------|------|------|----------------|---------|---------|-----------|
| | DN | Inch | Size | mm | | | | |
| 30382-4-4 | 6 | 1/4 | -4 | 6.4 | 7/16x20 | 40 | 21 | 1/2 |
| 30382-6-6 | 10 | 3/8 | -6 | 9.5 | 9/16x18 | 45 | 22 | 5/8 |
| 30382-6-6B | 10 | 3/8 | -6 | 9.5 | 9/16x18 | 45 | 22 | 5/8 |
| 30382-8-8B | 12 | 1/2 | -8 | 12.7 | 3/4x16 | 52 | 26 | 3/4 |
| 30382-8-8 | 12 | 1/2 | -8 | 12.7 | 3/4x16 | 52 | 26 | 3/4 |
| 30382-12-12B | 19 | 3/4 | -12 | 19.1 | 1 1/16x12 | 69 | 32 | 1 1/8 |
| 30382-12-12 | 19 | 3/4 | -12 | 19.1 | 1 1/16x12 | 69 | 32 | 1 1/8 |

06/68 Female – JIC 37° SAE 45° Dual Flare Swivel – Straight

ISO12151-5-SWS – DKJ



| Part Number | Hose I.D. | | | | Thread NPTF | A mm | B mm | H | |
|-----------------|-----------|------|------|------|----------------|---------|---------|-------|------|
| | DN | Inch | Size | mm | | | | mm | Inch |
| 30682-4-4-SM | 6 | 1/4 | -4 | 6.4 | 7/16x20 | 40 | 21 | 14 | |
| 30682-4-4B | 6 | 1/4 | -4 | 6.4 | 7/16x20 | 39 | 19 | 9/16 | |
| 30682-5-4B | 6 | 1/4 | -4 | 6.4 | 1/2x20 | 40 | 21 | 5/8 | |
| 30682-6-4B | 6 | 1/4 | -4 | 6.4 | 9/16x18 | 42 | 22 | 11/16 | |
| 30682-5-6B | 10 | 3/8 | -6 | 9.5 | 1/2x20 | 44 | 21 | 5/8 | |
| 30682-6-6-SM | 10 | 3/8 | -6 | 9.5 | 9/16x18 | 45 | 22 | 19 | |
| 30682-6-6 | 10 | 3/8 | -6 | 9.5 | 9/16x18 | 46 | 22 | 11/16 | |
| 30682-6-6B-SM | 10 | 3/8 | -6 | 9.5 | 9/16x18 | 45 | 22 | 19 | |
| 36882-8-6-SM | 10 | 3/8 | -6 | 9.5 | 3/4x16 | 48 | 25 | 22 | |
| 30682-8-6B | 10 | 3/8 | -6 | 9.5 | 3/4x16 | 47 | 24 | 7/8 | |
| 36882-8-8B-SM | 12 | 1/2 | -8 | 12.7 | 3/4x16 | 51 | 25 | 22 | |
| 36882-8-8-SM | 12 | 1/2 | -8 | 12.7 | 3/4x16 | 51 | 25 | 22 | |
| 30682-10-8B | 12 | 1/2 | -8 | 12.7 | 7/8x14 | 52 | 25 | 1 | |
| 30682-10-10-SM | 16 | 5/8 | -10 | 15.9 | 7/8x14 | 65 | 28 | 27 | |
| 30682-10-10B | 16 | 5/8 | -10 | 15.9 | 7/8x14 | 62 | 25 | 1 | |
| 30682-12-12-SM | 19 | 3/4 | -12 | 19.1 | 1 1/16x12 | 67 | 30 | 32 | |
| 30682-12-12B-SM | 19 | 3/4 | -12 | 19.1 | 1 1/16x12 | 67 | 31 | 32 | |

Also available in stainless steel. Details can be found in CAT 4400.1/UK

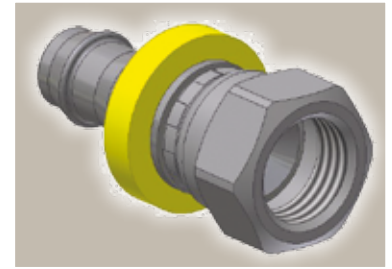
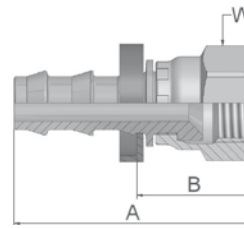
Approved **fitting series** for hose types:

B: Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

08 Female SAE 45° – Swivel Straight

SAE J516

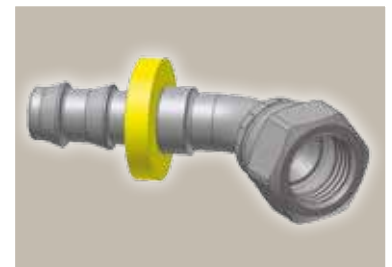
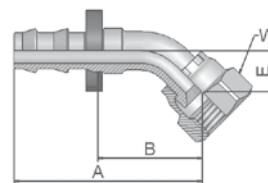


| Part Number | Hose I.D. | | | | Thread UNF | A mm | B mm | W inch |
|--------------|-----------|------|------|------|---------------|---------|---------|-----------|
| | DN | Inch | Size | mm | | | | |
| 30882-4-4 | 6 | 1/4 | -4 | 6.4 | 7/16x20 | 39 | 19 | 9/16 |
| 30882-4-4B | 6 | 1/4 | -4 | 6.4 | 7/16x20 | 39 | 19 | 9/16 |
| 30882-5-4B | 6 | 1/4 | -4 | 6.4 | 1/2x20 | 40 | 21 | 5/8 |
| 30882-6-6-SM | 10 | 3/8 | -6 | 9.5 | 5/8x18 | 46 | 22 | 19 |
| 30882-6-6B | 10 | 3/8 | -6 | 9.5 | 5/8x18 | 46 | 23 | 3/4 |
| 30882-8-8B | 12 | 1/2 | -8 | 12.7 | 3/4x16 | 51 | 25 | 7/8 |
| 30882-8-8 | 12 | 1/2 | -8 | 12.7 | 3/4x16 | 51 | 25 | 7/8 |
| 30882-10-10B | 16 | 5/8 | -10 | 15.9 | 7/8x14 | 65 | 28 | 1 |
| 30882-10-10 | 16 | 5/8 | -10 | 15.9 | 7/8x14 | 65 | 28 | 1 |
| 30882-12-12 | 19 | 3/4 | -12 | 19.1 | 1 1/16x14 | 67 | 30 | 1 1/4 |
| 30882-12-12B | 19 | 3/4 | -12 | 19.1 | 1 1/16x14 | 67 | 30 | 1 1/4 |

82 Series

37/3V Female JIC 37° SAE 45° – Dual Flare Swivel Female 45° Elbow

ISO 12151-5-SWE 45° – DKJ 45°



| Part Number | Hose I.D. | | | | Thread UNF | A mm | B mm | E mm | W mm Inch |
|---------------|-----------|------|------|------|---------------|---------|---------|---------|--------------|
| | DN | Inch | Size | mm | | | | | |
| 33V82-4-4B-SM | 6 | 1/4 | -4 | 6.4 | 7/16x20 | 44 | 25 | 10 | 17 |
| 33782-4-4 | 6 | 1/4 | -4 | 6.4 | 7/16x20 | 39 | 20 | 8 | 9/16 |
| 33782-6-6-SM | 10 | 3/8 | -6 | 9.5 | 9/16x18 | 51 | 28 | 11 | 19 |
| 33782-8-8 | 12 | 1/2 | -8 | 12.7 | 3/4x16 | 54 | 35 | 14 | 7/8 |

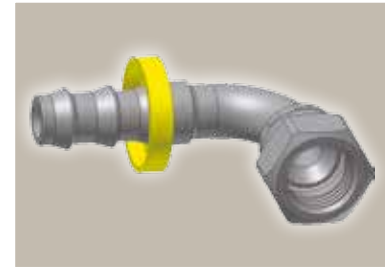
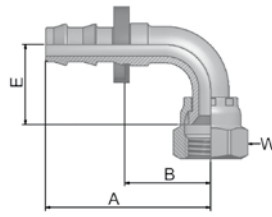
Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved fitting series for hose types:

B: Brass; SM: Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

**39/3W Female JIC 37°
SAE 45° – Dual Flare
Swivel Female 90° Elbow**
ISO 12151-5-SWES – DKJ 90°



| Part Number | Hose I.D. | | | | Thread UNF | A mm | B mm | E mm | W | |
|----------------|-----------|------|------|------|---------------|---------|---------|---------|-------|------|
| | DN | Inch | Size | mm | | | | | mm | Inch |
| 33W82-4-4-SM | 6 | 1/4 | -4 | 6.4 | 7/16x20 | 39 | 20 | 21 | 17 | |
| 33982-4-4 | 6 | 1/4 | -4 | 6.4 | 7/16x20 | 39 | 20 | 17 | 5/8 | |
| 33982-6-6 | 10 | 3/8 | -6 | 9.5 | 9/16x18 | 50 | 28 | 22 | 11/16 | |
| 33982-6-6-SM | 10 | 3/8 | -6 | 9.5 | 9/16x18 | 47 | 25 | 23 | 19 | |
| 33982-8-8 | 12 | 1/2 | -8 | 12.7 | 3/4x16 | 59 | 33 | 28 | 7/8 | |
| 33W82-8-8-SM | 12 | 1/2 | -8 | 12.7 | 3/4x16 | 55 | 29 | 28 | 22 | |
| 33982-10-10 | 16 | 5/8 | -10 | 15.9 | 7/8x14 | 74 | 37 | 31 | 1 | |
| 33982-12-12 | 19 | 3/4 | -12 | 19.1 | 1 1/16x12 | 84 | 46 | 46 | 1 1/4 | |
| 33982-12-12-SM | 19 | 3/4 | -12 | 19.1 | 1 1/16x12 | 88 | 52 | 48 | 32 | |

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

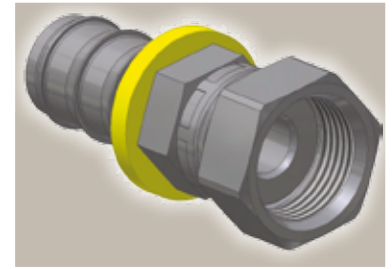
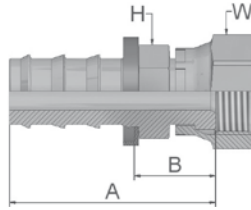
B: Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

JC

**Female ORFS
Swivel – Straight
Short**

ISO 12151-1 – SWSA
SAE J516 – ORFS



| Part Number | Hose I.D. | | | | Thread UNF | A mm | B mm | H | | W | |
|--------------|-----------|------|------|------|---------------|---------|---------|-------|-------|----|------|
| | DN | Inch | Size | mm | | | | mm | Inch | mm | Inch |
| 3JC82-4-4 | 6 | 1/4 | -4 | 6.4 | 9/16x18 | 36 | 17 | 9/16 | 11/16 | | |
| 3JC82-6-6 | 10 | 3/8 | -6 | 9.5 | 11/16x16 | 40 | 18 | 11/16 | 13/16 | | |
| 3JC82-6-6-SM | 10 | 3/8 | -6 | 9.5 | 11/16x16 | 40 | 18 | 19 | 22 | | |
| 3JC82-8-6-SM | 10 | 3/8 | -6 | 9.5 | 13/16x16 | 43 | 21 | 22 | 24 | | |
| 3JC82-8-8-SM | 12 | 1/2 | -8 | 12.7 | 13/16x16 | 47 | 21 | 22 | 24 | | |
| 3JC82-8-10 | 16 | 5/8 | -10 | 15.9 | 13/16x16 | 57 | 21 | 3/4 | 15/16 | | |
| 3JC82-10-10 | 16 | 5/8 | -10 | 15.9 | 1x14 | 61 | 24 | 15/16 | 1 1/8 | | |
| 3JC82-10-12 | 19 | 3/4 | -12 | 19.1 | 1x14 | 61 | 24 | 1 | 1 1/8 | | |
| 3JC82-12-12 | 19 | 3/4 | -12 | 19.1 | 1 3/16x12 | 67 | 30 | 1 1/8 | 1 3/8 | | |

82 Series

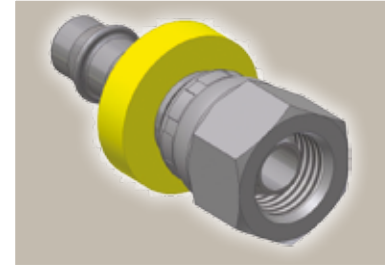
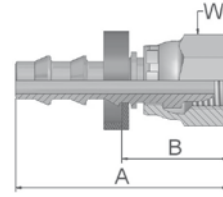
Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

B: Brass; **SM:** Metric Hexagon

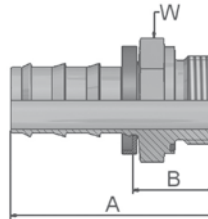
82 801 804 821FR 830M 831 836 837BM 837PU 838M

FF Metru-Lok Swivel Female



| Part Number | Hose I.D. | | | | Thread metric | Tube O.D. mm | A mm | B mm | W mm |
|--------------|-----------|------|------|------|------------------|--------------------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | | |
| 3FF82-6-4B | 6 | 1/4 | -4 | 6.4 | M10x1 | 6 | 36 | 16 | 14 |
| 3FF82-8-4B | 6 | 1/4 | -4 | 6.4 | M12x1 | 8 | 31 | 12 | 14 |
| 3FF82-10-6B | 10 | 3/8 | -6 | 9.5 | M14x1 | 10 | 35 | 12 | 17 |
| 3FF82-12-6B | 10 | 3/8 | -6 | 9.5 | M16x1 | 12 | 35 | 12 | 19 |
| 3FF82-14-8B | 12 | 1/2 | -8 | 12.7 | M18x1 | 14 | 38 | 12 | 22 |
| 3FF82-16-8B | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 16 | 38 | 12 | 27 |
| 3FF82-18-10B | 16 | 5/8 | -10 | 15.9 | M24x1.5 | 18 | 51 | 15 | 27 |
| 3FF82-22-12B | 19 | 3/4 | -12 | 19.1 | M28x1.5 | 22 | 51 | 15 | 32 |

AF Male BSP Parallel Pipe Rigid – Straight (with O-ring Seal)



| Part Number | Hose I.D. | | | | Thread BSP | A mm | B mm | W mm |
|-------------|-----------|------|------|------|---------------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | |
| 3AF82-2-4B | 6 | 1/4 | -4 | 6.4 | 1/8x28 | 34 | 15 | 17 |
| 3AF82-4-4B | 6 | 1/4 | -4 | 6.4 | 1/4x19 | 39 | 20 | 19 |
| 3AF82-4-6B | 10 | 3/8 | -6 | 9.5 | 1/4x19 | 43 | 20 | 19 |
| 3AF82-6-6B | 10 | 3/8 | -6 | 9.5 | 3/8x19 | 46 | 23 | 22 |
| 3AF82-6-8B | 12 | 1/2 | -8 | 12.7 | 3/8x19 | 49 | 22 | 22 |
| 3AF82-8-8B | 12 | 1/2 | -8 | 12.7 | 1/2x14 | 53 | 26 | 27 |
| 3AF82-8-10B | 16 | 5/8 | -10 | 15.9 | 1/2x14 | 63 | 27 | 27 |

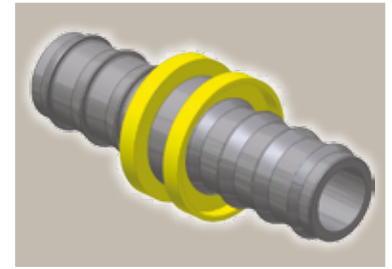
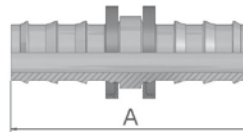
Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

B: Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

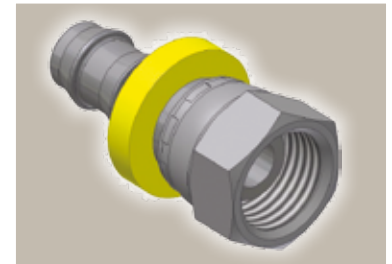
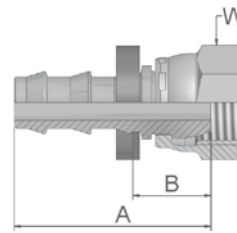
82 Push-Lok® Union



| Part Number | Hose I.D. | | | | A mm |
|--------------|-----------|------|------|------|---------|
| | DN | Inch | Size | mm | |
| 38282-4-4 | 6 | 1/4 | -4 | 6.4 | 45 |
| 38282-4-4B | 6 | 1/4 | -4 | 6.4 | 46 |
| 38282-6-6B | 10 | 3/8 | -6 | 9.5 | 54 |
| 38282-8-8B | 12 | 1/2 | -8 | 12.7 | 64 |
| 38282-8-8 | 12 | 1/2 | -8 | 12.7 | 64 |
| 38282-10-10 | 16 | 5/8 | -10 | 15.9 | 84 |
| 38282-10-10B | 16 | 5/8 | -10 | 15.9 | 84 |
| 38282-12-12 | 19 | 3/4 | -12 | 19.1 | 84 |
| 38282-12-12B | 19 | 3/4 | -12 | 19.1 | 84 |

82 Series

5C 60° Cone Swivel Female



| Part Number | Hose I.D. | | | | Thread metric | A mm | B mm | W mm |
|---------------|-----------|------|------|------|------------------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | |
| 35C82-6-4BK | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 33 | 14 | 14 |
| 35C82-10-6BK | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 38 | 15 | 19 |
| 35C82-10-6B | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 38 | 15 | 19 |
| 35C82-15-8BK | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 44 | 18 | 27 |
| 35C82-18-10BK | 16 | 5/8 | -10 | 15.9 | M26x1.5 | 57 | 21 | 32 |

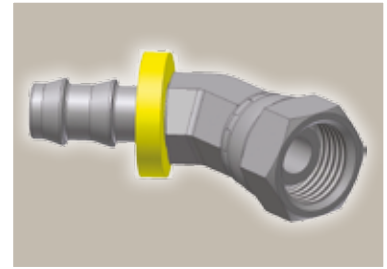
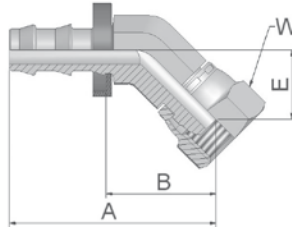
Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

B: Brass; **SM:** Metric Hexagon

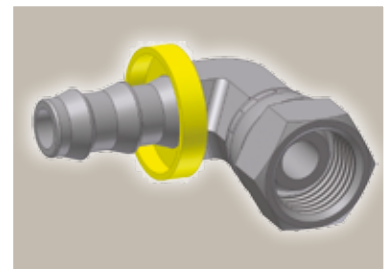
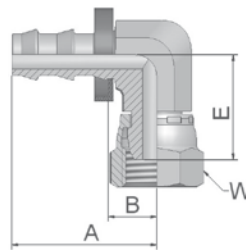
82 801 804 821FR 830M 831 836 837BM 837PU 838M

6C 60° Cone Swivel Female 45° Elbow



| Part Number | Hose I.D. | | | | Thread metric | A mm | B mm | E mm | W mm |
|--------------|-----------|------|------|------|------------------|---------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | | |
| 36C82-6-4BK | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 44 | 25 | 16 | 14 |
| 36C82-10-6BK | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 48 | 26 | 16 | 19 |
| 36C82-15-8BK | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 54 | 28 | 18 | 27 |

7C 60° Cone Swivel Female 90° Elbow



| Part Number | Hose I.D. | | | | Thread metric | A mm | B mm | E mm | W mm |
|--------------|-----------|------|------|------|------------------|---------|---------|---------|---------|
| | DN | Inch | Size | mm | | | | | |
| 37C82-6-4BK | 6 | 1/4 | -4 | 6.4 | M12x1.5 | 30 | 11 | 22 | 14 |
| 37C82-10-6BK | 10 | 3/8 | -6 | 9.5 | M16x1.5 | 34 | 11 | 25 | 19 |
| 37C82-15-8BK | 12 | 1/2 | -8 | 12.7 | M22x1.5 | 43 | 16 | 32 | 27 |

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

B: Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M



Assembly Instructions

1. Cut the hose right angled with a sharp knife. If necessary it is possible to use a lubricant (water/soap solution with 5 % soap fluid and 95 % water) for easy assembly.
2. Insert fitting into hose until first barb is in hose. Place end of fitting against a flat object (bench, door, wall) and grip hose approximately 1" from end and push with a steady force until end of hose is covered by yellow plastic collar. Alternatively please use the Parker Assembly Tool No. 611050G or 611050HV.

Attention!

During assembly, please keep in mind that Push-Lok fittings will provide an effective grip only when the Push-Lok hose is pushed fully on the insert, where the cropped end of the hose should be fully concealed by the plastic collar. **For easy assembly of hose 830M, 837BM and 837PU please use only Push-Lok Assembly Oil No. H896137.** Push-Lok Assembly Oil is free from wetting disturbing substances. Don't use oil, lubricant or soap fluids for this hose!



Disassembly Instructions

1. Cut lengthwise along a line at approximately a 20 angle from centre line of hose. The cut should be approximately 1" long. Be careful not to nick barbs when cutting the hose.
2. Grip hose and give a sharp down-ward tug to disengage from fitting.

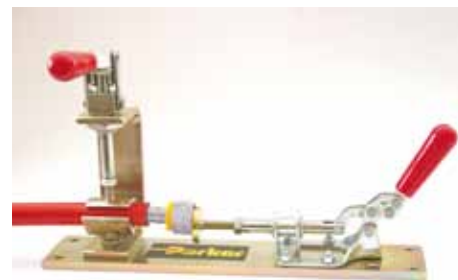
Attention!

Before re-use of the nipple please check nipple for damage. Damaged nipples can cause leakage.

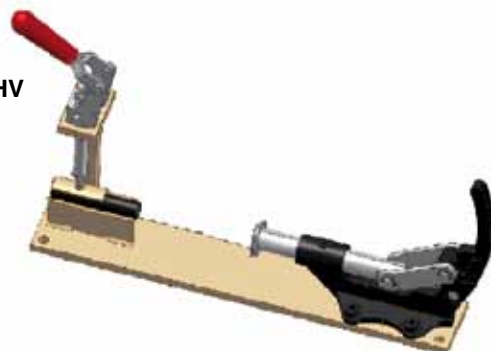
Assembly Tool

Tool designed for assembly of Push-Lok fittings and hose in all sizes. Toggle actions greatly reduce effort necessary to hold hose and press in fitting. Only a few pounds of force is needed on either handle to quickly assemble any size.

Light version
Part Number: 611050G



Heavy version
Part Number: 611050HV



Push-Lok Assembly Oil
1-litre bottle
Part Number: H896137

