



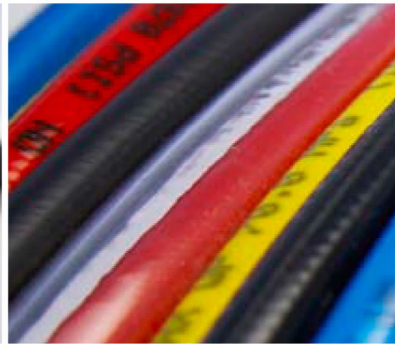
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HIGH-PRESSURE HYDRAULICS



High-Pressure Hose

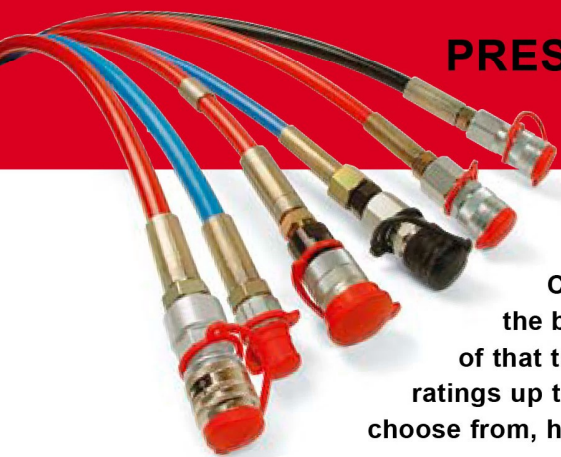
- High Quality Hose for High-pressure Hydraulic Applications up to 36,250 PSI (2,500 bar)



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Pre-assembled hose kits

PRESSURE TESTED AND READY TO USE



The range of CEJN high-pressure hose is like the rest of the CEJN product range a testament to quality and performance. Only the best is sold under the CEJN brand and this range is clearly part of that tradition. The range contains four hoses with different pressure ratings up to 36,250 PSI (2,500 bar). With a large variety of fittings to choose from, hose kits can be assembled to meet almost all requests.

Advantages!

- Ultra-high working pressures
- Maintained flexibility through entire service life
- Low volumetric expansion
- Smooth inner bores
- Kink-resistant steel-reinforced construction
- Abrasion-resistant covers
- Small outside diameter
- Superior chemical resistance

Benefits!

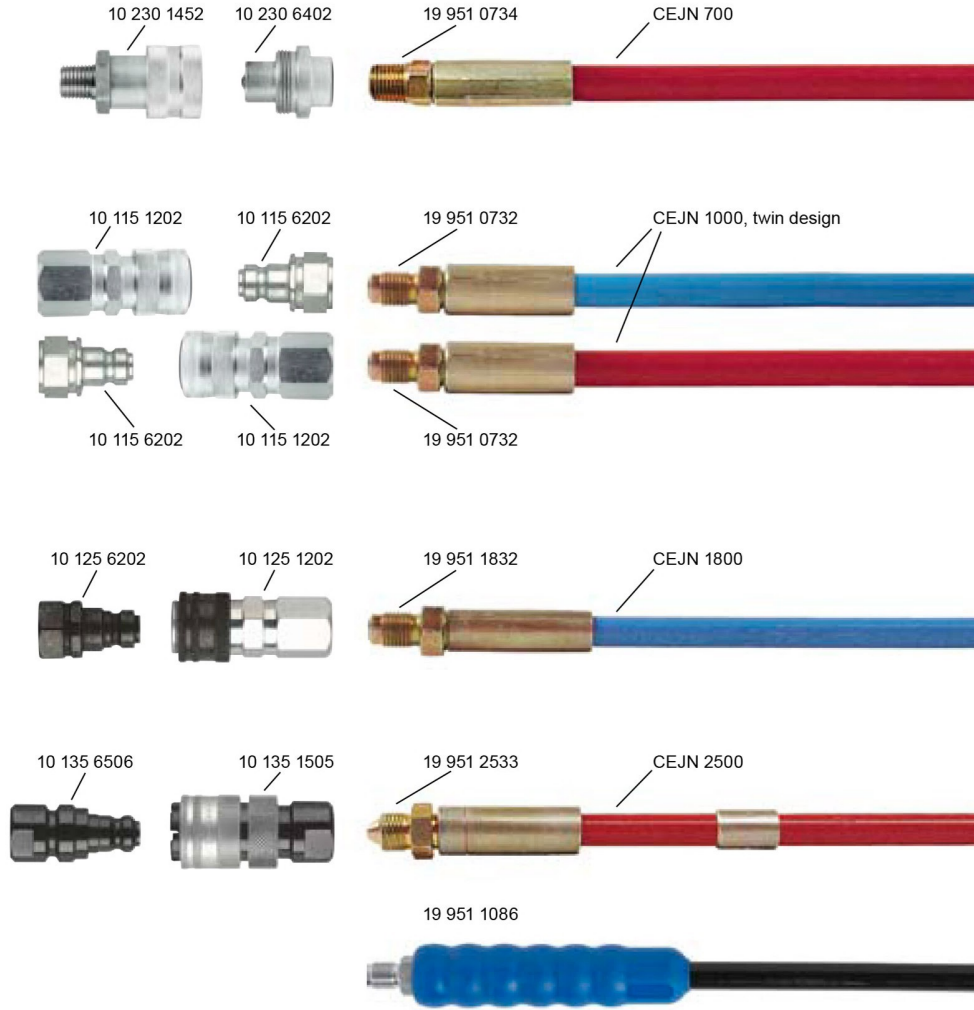
The CEJN High-pressure hose is a spiralized steel reinforced polymer hose that picks up where conventional product capabilities stop. It gives you ultra-high working pressure with maintained flexibility through entire life. Its low volumetric expansion gives fast response time in hydraulic systems while the smooth inner bores provide a minimized pressure drop. A long-lasting service time and extended hose life in even the toughest applications is a result of the kink-resistant steel-reinforced construction, abrasion-resistant covers and a superior chemical resistance. The small outside diameter makes the hose ideal for tight routing.

| Hose | CEJN 700 | CEJN 720 | CEJN 1000 | CEJN 1800 | CEJN 2500 |
|--|---|---|---|--|--|
| Part no.: Hose | 19 951 0701 (Red) | 19 951 0721 (Red) 19 951 0722 (Yellow) 19 951 0723 (Black) 19 951 0724 (Blue) | 19 951 1001 (Black) | 19 951 1801 (Blue) | 19 951 2501 (Red) |
| Part no.: Hose – Twin design | 19 951 0710 (Red/Yellow) | 19 951 0791 (Black/Red) 19 951 0792 (Red/Blue) 19 951 0793 (Yellow/Black) 19 951 0794 (Red/Yellow) | 19 951 1010 (Red/Blue) | – | – |
| Design: | Inner tube of polyamide (PA), 2 spiral layers of high tensile steel wire, 2 open spiral synthetic fibre, outer sheath of polyurethane (PUR) | Inner tube of polyamide (PA), 2 spiral layers and 2 open spiral layers of high tensile steel wire | Inner tube of polyamide (PA), 4 layers of spiral wound steel wire, outer sheath of polyurethane (PUR) | Inner tube of polyoxymethylene (POM), 4 spiral layers of high tensile steel wire, outer sheath of polyamide (PA) | Inner tube of polyoxymethylene (POM), 6 spiral layers of high tensile steel wire, outer sheath of polyamide (PA) |
| Max. working pressure: | 10,150 PSI (700 bar) | 10,440 PSI (720 bar) | 14,500 PSI (1,000 bar) | 26,100 PSI (1,800 bar) | 36,250 PSI (2,500 bar) |
| Min. burst pressure: | 26,970 PSI (1,860 bar) | 41,760 PSI (2,880 bar) | 46,600 PSI (3,200 bar) | 65,250 PSI (4,500 bar) | 90,620 PSI (6,250 bar) |
| I.D. x O.D.: | 6.3 x 12.4 mm | 6.4 x 12.5 mm | 6.3 x 13.3 mm | 4.7 x 11.5 mm | 4.7 x 13.0 mm |
| Min. bend radius: | 70 mm | 70 mm | 80 mm | 130 mm | 175 mm |
| Weight: | 190 g/m | 250 g/m | 305 g/m | 280 g/m | 410 g/m |
| Temperature range: | -40°F to +212°F (-40°C to +100°C) | -40°F to +212°F (-40°C to +100°C) | -40°F to +212°F (-40°C to +100°C) | -40°F to +212°F (-40°C to +100°C) | -40°F to +212°F (-40°C to +100°C) |
| Other information: <i>Other colors upon request</i> | | | | | |

Hose kits to fit your needs

Opportunities!

Each hose kit is assembled to your order. The hose can be cut in any length and assembled with a large variety of fittings and couplings/nipples. CEJN's series of high performance high-pressure hydraulic couplings are an excellent complement and can be included in any hose kit. Before delivery each kit is pressure tested for safety and performance. When delivered the kits are ready to be used without further assembly, tests or checks, making it a perfect choice to save time and cost. Five hoses with different pressure ratings, a large range of fittings and several high performing couplings make CEJN High-pressure hose kits a perfect choice for most applications. Below is a condensed list of hose and fittings, more options are available on request.



| End connections, Part no. | CEJN 700 | CEJN 720 | CEJN 1000 | CEJN 1800 | CEJN 2500 |
|--|-------------|-------------|-------------|---------------|-------------|
| G 1/4" male with 60° int. sealing cone + recess for Tredo ring | 19 951 0730 | 19 951 0730 | 19 951 0730 | 19 951 1830 | - |
| G 1/4" male with recess for USIT ring | 19 951 0731 | 19 951 0731 | 19 951 0731 | - | - |
| G 1/4" male with 120° ext. sealing cone (CMS) | 19 951 0732 | 19 951 0732 | 19 951 0732 | 19 951 1832 | 19 951 2530 |
| G 1/4" male flat end for copper washer (* with recess for USIT ring) | 19 951 0733 | 19 951 0733 | 19 951 0733 | 19 951 1831 * | 19 951 2534 |
| 1/4" NPT male | 19 951 0734 | 19 951 0734 | 19 951 0734 | - | - |
| 3/8" NPT male | 19 951 0735 | 19 951 0735 | 19 951 0735 | - | - |
| 3/8" NPT female | 19 951 0740 | 19 951 0740 | 19 951 0740 | - | - |
| R 1/4" male | 19 951 0741 | 19 951 0741 | 19 951 0741 | - | - |
| 1/4" NPT female | 19 951 0743 | 19 951 0743 | 19 951 0743 | - | - |
| R 3/8" male | 19 951 0736 | 19 951 0736 | 19 951 0736 | - | - |
| Sealing head (60°) + G 1/4" female swivel nut | 19 951 0737 | 19 951 0737 | 19 951 0737 | 19 951 1833 | 19 951 2531 |
| M16x1.5 male with 60° ext. cone | - | - | - | - | 19 951 2533 |
| Sealing head (60°) + M14 x 1.5 female swivel nut | 19 951 0738 | 19 951 0738 | 19 951 0738 | - | - |
| 59° ext. sealing cone + 9/16"-18 UNF female swivel nut | - | - | - | 19 951 1835 | 19 951 2532 |
| 24° ext. sealing cone with O-ring + M18 x 1.5 female swivel nut | 19 951 0739 | 19 951 0739 | 19 951 0739 | - | - |
| Kink-protection spring | 19 951 1080 | 19 951 1080 | 19 951 1080 | - | - |
| Clamp for twin-hose | 19 951 1081 | 19 951 1081 | 19 951 1081 | - | - |
| Protection hose PVC | 19 951 0783 | 19 951 1083 | 19 951 1083 | 19 951 0783 | 19 951 1083 |
| Hose bend protector, plastic black | - | 19 951 1085 | 19 951 1085 | - | - |
| Hose bend protector, plastic blue | - | 19 951 1086 | 19 951 1086 | - | - |
| Hose bend protector, plastic red | - | 19 951 1087 | 19 951 1087 | - | - |
| Hose bend protector, plastic yellow | - | 19 951 1088 | 19 951 1088 | - | - |

| Accessories | Part no. |
|--|-------------|
| Copper washer | 09 950 4600 |
| Tredo ring (rubber/metal seal) for G 1/4" | 19 950 0062 |
| Tredo ring (rubber/metal seal) for G 1/4", high strength steel | 19 950 0083 |
| USIT ring (rubber/metal seal) for G 1/4" | 19 950 0084 |

Thread connections are listed according to ISO standards. Check your local retailer for availability and prices. More information about the CEJN High-pressure Hydraulic Range check www.cejn.com or the CEJN High-pressure Connections Catalog.



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