











Hose Assemblies to Fit Your Needs

Every customer is unique to us at CEJN and that is why each ultra high-pressure hose assembly for hydraulics is assembled to your needs. Choose the hose that fulfils your requirements and we'll cut it to your preferred length and, depending on your specifications, assemble our high-performance, quick connect coupling and nipple. Before delivery each kit is pressure tested for safety and performance.

The CEJN ultra high-pressure hose is a spiralized steel reinforced polymer hose that picks up where conventional product capabilities stop. Together with our quick connect couplings and adapters you get a safe and high-performing product that will keep you safe.

								
	70 MPa (DN 6)	70 MPa (DN 10)	72 MPa (DN 6)	100 MPa (DN 6)	150 MPa (DN 5)	180 MPa (DN 5)	250 MPa (DN 5)	300 MPa (DN 4)
Reinforcement	2 steel- + 2 synthetic layers	3 steel layers	4 steel layers	4 steel layers	2 steel layers	4 steel layers	6 steel layers	6 steel layers
Outer cover	Polyurethane (PUR)	Polyurethane (PUR)	Polyurethane (PUR)	Polyurethane (PUR)	Polyamide (PA)	Polyamide (PA)	Polyamide (PA)	Polyamide (PA)
Inner tube	Polyamide (PA)	Polyamide (PA)	Polyamide (PA)	Polyamide (PA)	Polyoxymethylene (POM)	Polyoxymethylene (POM)	Polyoxymethylene (POM)	Polyoxymethylene (POM)
ID x OD	6.3 x 12.4 mm	9.7 x 18.0 mm	6.4 x 12.5 mm	6.3 x 13.3 mm	4,9 x 9,5 mm	4.7 x 11.5 mm	4.7 x 13.0 mm	3.9 x 11.5 mm
Max. working pressure	70.0 MPa	70.0 MPa	72.0 MPa	100.0 MPa	150.0 MPa	180.0 MPa	250.0 MPa	300.0 MPa
Min. burst pressure	186.0 MPa	215.0 MPa	288.0 MPa	320.0 MPa	375.0 MPa	450.0 MPa	625.0 MPa	700.0 MPa
Min. bend radius	70 mm (2.8")	120 mm (4.7")	70 mm (2.8")	80 mm (3.1")	95 mm (3.7")	130 mm (5.1")	175 mm (6.9")	140 mm (5.5")
Weight	190 g/m (6.7 oz)	500 g/m (17.6 oz)	250 g/m (8.8 oz)	305 g/m (10.7 oz)	140 g/m (4.9 oz)	280 g/m (9.9 oz)	410 g/m (14.4 oz)	290 g/m (10.2 oz)
Temperature range	-40°C – +100°C (-40°F – +212°F)	-40°C – +100°C (-40°F – +212°F)	-40°C – +100°C (-40°F – +212°F)	-40°C – +100°C (-40°F – +212°F)	-10°C – +70°C (14°F – +158°F)	-40°C – +100°C (-40°F – +212°F)	-40°C – +100°C (-40°F – +212°F)	-40°C – +100°C (-40°F – +212°F)

Ultra High-Pressure Hydraulic Products - Hose Assemblies



70 MPa (DN 6)

	Part No.	Description	
HOSE	19 951 0701	Red	
	19 951 0702	Yellow	
	19 951 0703	Black	
	19 951 0704	Blue	
TWIN HOSE	19 951 0710	Red/Yellow	
	19 951 0711	Black/Yellow	
END CONNECTIONS	19 951 0730	G 1/4" male with 60° int. sealing cone + recess for Tredo ring	
	19 951 0731	G 1/4" male with recess for USIT ring	
	19 951 0732	G 1/4" male with 120° ext. sealing cone (CMS)	
	19 951 0733	G 1/4" male flat end for copper washer	
	19 951 0734	1/4" NPT male	
	19 951 0735	3/8" NPT male	
	19 951 0736	R 3/8" male	
	19 951 0737	Sealing head (60°) + G 1/4" female swivel nut	
	19 951 0738	Sealing head (60°) + M14 x 1.5 female swivel nut	
	19 951 0739	24° ext. sealing cone with O-ring + M18 x 1.5 female swivel nut	
	19 951 0740	3/8" NPT fixed female	
	19 951 0741	R 1/4" male	
	19 951 0743	1/4" NPT fixed female	
	ACCESSORIES	19 951 1080	Kink-protection spring
		19 951 1081	Clamb for twin-hose
19 951 1880		Protection hose PVC	
RUBBER METAL SEAL	19 950 0062	For 1/4" parallel male thread (tredo/dowty)	
	19 950 0084	For 1/4" parallel male thread (USIT ring)	



70 MPa (DN 10)

	Part No.	Description
HOSE	19 951 0061	Black
END CONNECTIONS	19 951 0066	G 3/8" male
RUBBER METAL SEAL	19 951 0067	3/8" NPT male
RUBBER METAL SEAL	19 950 0064	For 3/8" parallel male thread (tredo/dowty)



72 MPa (DN 6)

	Part No.	Description
HOSE	19 951 0721	Red
	19 951 0722	Yellow
	19 951 0723	Black
	19 951 0724	Blue
TWIN HOSE	19 951 0791	Black/Red
	19 951 0792	Red/Blue
	19 951 0793	Yellow/Black
END CONNECTIONS	19 951 0794	Red/Yellow
	19 951 0730	G 1/4" male with 60° int. sealing cone + recess for Tredo ring
	19 951 0731	G 1/4" male with recess for USIT ring
	19 951 0732	G 1/4" male with 120° ext. sealing cone (CMS)
	19 951 0733	G 1/4" male flat end for copper washer
	19 951 0734	1/4" NPT male
	19 951 0735	3/8" NPT male
	19 951 0736	R 3/8" male
	19 951 0737	Sealing head (60°) + G 1/4" female swivel nut
	19 951 0738	Sealing head (60°) + M14 x 1.5 female swivel nut
	19 951 0739	24° ext. sealing cone with O-ring + M18 x 1.5 female swivel nut
	19 951 0740	3/8" NPT fixed female
	19 951 0741	R 1/4" male
	19 951 0743	1/4" NPT fixed female
	ACCESSORIES	19 951 1080
19 951 1081		Clamb for twin-hose
19 951 1880		Protection hose PVC
19 951 1085		Hose bend protector, plastic black
19 951 1086		Hose bend protector, plastic blue
19 951 1087		Hose bend protector, plastic red
19 951 1088		Hose bend protector, plastic yellow
19 951 1089		Hose bend protector, plastic black
RUBBER METAL SEAL	19 950 0062	For 1/4" parallel male thread (tredo/dowty)
	19 950 0084	For 1/4" parallel male thread (USIT ring)



100 MPa (DN 6)

	Part No.	Description	
HOSE	19 951 1001	Black	
	19 951 1002	Blue	
	19 951 1003	Red	
	19 951 1004	Yellow	
TWIN HOSE	19 951 1010	Red/Blue	
	19 951 1011	Red/Yellow	
	19 951 1012	Red/Black	
END CONNECTIONS	19 951 0730	G 1/4" male with 60° int. sealing cone + recess for Tredo ring	
	19 951 0731	G 1/4" male with recess for USIT ring	
	19 951 0732	G 1/4" male with 120° ext. sealing cone (CMS)	
	19 951 0733	G 1/4" male flat end for copper washer	
	19 951 0734	1/4" NPT male	
	19 951 0735	3/8" NPT male	
	19 951 0736	R 3/8" male	
	19 951 0737	Sealing head (60°) + G 1/4" female swivel nut	
	19 951 0738	Sealing head (60°) + M14 x 1.5 female swivel nut	
	19 951 0739	24° ext. sealing cone with O-ring + M18 x 1.5 female swivel nut	
	19 951 0740	3/8" NPT fixed female	
	19 951 0741	R 1/4" male	
	19 951 0743	1/4" NPT fixed female	
	ACCESSORIES	19 951 1080	Kink-protection spring
		19 951 1081	Clamb for twin-hose
19 951 1880		Protection hose PVC	
19 951 1085		Hose bend protector, plastic black	
19 951 1086		Hose bend protector, plastic blue	
RUBBER METAL SEAL	19 950 0062	For 1/4" parallel male thread (tredo/dowty)	
	19 950 0084	For 1/4" parallel male thread (USIT ring)	



150 MPa (DN 5)

	Part No.	Description
HOSE	19 951 1511	Blue
END CONNECTIONS	19 951 1542	G 1/4" male with 120° ext. sealing cone (CMS)
ACCESSORIES	19 951 1880	Protection hose PVC



180 MPa (DN 5)

	Part No.	Description
HOSE	19 951 1801	Blue
END CONNECTIONS	19 951 1830	G 1/4" male with 60° int. sealing cone + recess for Tredo ring
	19 951 1831	G 1/4" male flat end for copper washer, with recess for USIT ring
	19 951 1832	G 1/4" male with 120° ext. sealing cone (CMS)
	19 951 1833	Sealing head (60°) + G 1/4" female swivel nut
	19 951 1835	59° ext. sealing cone + 9/16"-18 UNF female swivel nut
	19 951 1836	Sealing head (60°) + M14 x 1.5 female swivel nut
ACCESSORIES	19 951 1880	Protection hose PVC
RUBBER METAL SEAL	19 950 0062	For 1/4" parallel male thread (tredo/dowty)
	19 950 0084	For 1/4" parallel male thread (USIT ring)
RUBBER METAL SEAL. HIGH STRENGTH VERSION	19 950 0083	For 1/4" parallel male thread (tredo/dowty)



250 MPa (DN 5)

	Part No.	Description
HOSE	19 951 2501	Red
END CONNECTIONS	19 951 2530	G 1/4" male with 120° ext. sealing cone (CMS)
	19 951 2534	G 1/4" male flat end for copper washer
	19 951 2531	Sealing head (60°) + G 1/4" female swivel nut
	19 951 2533	M16x1.5 male with 60° ext. cone
	19 951 2532	59° ext. sealing cone + 9/16"-18 UNF female swivel nut
ACCESSORIES	19 951 1880	Protection hose PVC



300 MPa (DN 4)

	Part No.	Description
HOSE	19 951 3001	Blue
END CONNECTIONS	19 951 3030	9/16"- 18 UNF female swivel
	19 951 3031	1/4" - 28 UNF Left hand
	19 951 3032	M16 x 1,5 male
ACCESSORIES	19 951 1880	Protection hose PVC

