



# CHERNE

GLOBAL LEADER IN PIPE PLUGS & TESTING

## i2-SERIES

### 800 TO 1600 & 800 TO 2000 BLOCKING AND FLOW-THROUGH PLUGS



**Cherne® i2-Series plugs** are made to meet the size and expansion range needs of European markets, with a robust, optimized design that improves safety and performance. Available in various configurations for blocking, flow-through and testing, i2-Series plugs are short in length, allowing for easy installation and use in constrained spaces. Additional plug sizes for greater compatibility with larger pipe diameters.

All i2-Series plugs are made of premium natural rubber with full body cording, offering rugged reliability and industry-leading quality.

## FEATURES

- Shorter, lighter, and flexible
- Made of tough, tear-resistant natural rubber
- Full body cording provides added durability
- 4 fitting configurations: Female or Male Quick Disconnect, Schrader Valve or Barbed fittings
- Industry leading quality
- Aluminum end plates minimize rust and corrosion
- High-quality eyebolts offer superior holding strength
- Integrated Pressure Relief Valve (PRV)



## BLOCKING PLUGS

SKU	DESCRIPTION	USAGE RANGE (MM)	DEFLATED LENGTH (MM)	INFLATION PRESSURE (BAR)	MAX BACKPRESSURE (BAR)	WEIGHT (KG)	NUMBER OF EYE BOLTS	INFLATION THREAD
410816P	BLOCKING PLUG 800-1600 MM	800-1610	2250	1.5	0.8	115	6	1/2"
410820P	BLOCKING PLUG 800-2000 MM	800-2010	2950	1.5	0.8	135	6	1/2"

PLUG SIZE	FEMALE QUICK DISCONNECT	MALE QUICK DISCONNECT	SCHRADER VALVE	BARBED FITTING	PRESSURE RELIEF VALVE (PRV)
800-1600	410816P	M410816P	S410816P	C410816P	Plugs only offered with PRV
800-2000	410820P	M410820P	S410820P	C410820P	Plugs only offered with PRV

## FLOW-THROUGH PLUGS

SKU	DESCRIPTION	USAGE RANGE (MM)	DEFLATED LENGTH (MM)	INFLATION PRESSURE (BAR)	MAX BACK-PRESSURE (BAR)	WEIGHT (KG)	NUMBER OF EYE BOLTS	INFLATION THREAD
414816P	FLOW-THROUGH 800-1600 MM W/ 4" BYPASS	800-1610	2250	1,5	0.8	124	6	1/2"
416816P	FLOW-THROUGH 800-1600 MM W/ 6" BYPASS	800-1610	2250	1,5	0.8	125	6	1/2"
414820P	FLOW-THROUGH 800-2000 MM W/ 4" BYPASS	800-2010	2950	1,5	0.8	149	6	1/2"
416820P	FLOW-THROUGH 800-2000 MM W/ 6" BYPASS	800-2010	2950	1,5	0.8	150	6	1/2"

PLUG SIZE	BYPASS SIZE	FEMALE QUICK DISCONNECT	MALE QUICK DISCONNECT	SCHRADER VALVE	BARBED FITTING	PRESSURE RELIEF VALVE (PRV)
800-1600	100mm (4")	414816P	M414816P	S414816P	C414816P	Plug only offered with PRV
800-1600	150mm (6")	416816P	M416816P	S416816P	C416816P	Plug only offered with PRV
800-2000	100mm (4")	414820P	M414820P	S414820P	C414820P	Plug only offered with PRV
800-2000	150mm (6")	416820P	M416820P	S416820P	C416820P	Plug only offered with PRV

Cherne i2-Series is not available for sale in the United States.

## i2-SERIES BACK PRESSURE CHART

TYPE OF PIPE PLUG	100-200	150-300	200-400	200-500	300-600	400-800	500-1000	600-1200	600-1500	800-1600	800-2000
REQ. PRES.	2,5 BAR	2,5 BAR	2,5 BAR	2,5 BAR	2,5 BAR	2,5 BAR	2,5 BAR	1,5 BAR	1,5 BAR	1,5 BAR	1,5 BAR
SIZE MM	2,5 BAR	2,5 BAR	2,5 BAR	2,5 BAR	2,5 BAR	2,5 BAR	2,5 BAR	1,5 BAR	1,5 BAR	1,5 BAR	1,5 BAR
100	2,0	-	-	-	-	-	-	-	-	-	-
110	1,9	-	-	-	-	-	-	-	-	-	-
125	1,8	-	-	-	-	-	-	-	-	-	-
150	1,3	2,0	-	-	-	-	-	-	-	-	-
200	0,8	1,7	2,0	2,0	-	-	-	-	-	-	-
225	-	1,5	1,9	1,9	-	-	-	-	-	-	-
250	-	1,2	1,8	1,8	-	-	-	-	-	-	-
275	-	1,0	1,6	1,7	-	-	-	-	-	-	-
300	-	0,8	1,4	1,5	2,0	-	-	-	-	-	-
350	-	-	1,1	1,3	1,8	-	-	-	-	-	-
400	-	-	0,8	1,0	1,7	2,0	-	-	-	-	-
450	-	-	-	0,9	1,5	1,9	-	-	-	-	-
500	-	-	-	0,8	1,4	1,8	1,9	-	-	-	-
550	-	-	-	-	1,1	1,6	1,8	-	-	-	-
600	-	-	-	-	0,8	1,4	1,6	1,4	1,4	-	-
700	-	-	-	-	-	1,1	1,4	1,3	1,4	-	-
800	-	-	-	-	-	0,8	1,2	1,2	1,3	1,4	1,4
900	-	-	-	-	-	-	1,0	1,1	1,3	1,3	1,3
1000	-	-	-	-	-	-	0,8	1,0	1,2	1,3	1,3
1200	-	-	-	-	-	-	-	0,8	1,1	1,2	1,2
1400	-	-	-	-	-	-	-	-	1,0	1,1	1,1
1500	-	-	-	-	-	-	-	-	0,8	0,8	1,0
1600	-	-	-	-	-	-	-	-	-	0,8	1,0
2000	-	-	-	-	-	-	-	-	-	-	0,8

NOTE: Values are indicative in clean concrete pipes. Pipe plugs should be blocked properly under all circumstances. Maximum back pressure when performing air tests: 200 mbar, valid for all pipe diameters.

