



CHERNE

INTERNATIONAL

i2-SERIES

GLOBAL LEADER IN PIPE PLUGS & TESTING

BLOCKING PLUGS, FLOW-THROUGH PLUGS, TEST 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.

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
- Industry leading quality
- Aluminum end plates minimize rust and corrosion
- High-quality eyebolts offer superior holding strength

TEST PLUGS*

SKU	DESCRIPTION	RANGE / NOMINAL SIZE (MM)	CONNECTION THREADS
417018	TEST PLUG, 1/2" FLOW-THROUGH BYPASS ADAPTER KIT	1/2" BYPASS	1/4"
417028	TEST PLUG, 2" FLOW-THROUGH BYPASS ADAPTER KIT	50 MM (2") BYPASS	1/4"
417038	TEST PLUG, 3" FLOW-THROUGH BYPASS ADAPTER KIT	75 MM (3") BYPASS	1/2"
417048	TEST PLUG, 4" FLOW-THROUGH BYPASS ADAPTER KIT	100 MM (4") BYPASS	1/2"
417068	TEST PLUG, 6" FLOW-THROUGH BYPASS ADAPTER KIT	150 MM (6") BYPASS	1/2"

*Add the prefix "M" to the beginning of the part number for a Male quick disconnect inflation port. Add the prefix "S" to the beginning of the part number for a Schrader valve inflation port



BLOCKING PLUG



FLOW-THROUGH PLUG



TEST PLUGS

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BLOCKING PLUGS*

SKU	DESCRIPTION	RANGE / NOMINAL SIZE (MM)	DEFLATED LENGTH (MM)	INFLATION PRESSURE (BAR)	MAX BACKPRESSURE (BAR)	WEIGHT (KG)	NUMBER OF EYE BOLTS	INFLATION THREAD
410008	BLOCKING PLUG 100-200 MM	100-200	425	2.5	0.8	2.5	1	1/4"
410018	BLOCKING PLUG 150-300 MM	150-300	540	2.5	0.8	3.3	1	1/4"
410028	BLOCKING PLUG 200-400 MM	200-400	635	2.5	0.8	5.5	1	1/4"
410038	BLOCKING PLUG 200-500 MM	200-500	800	2.5	0.8	8	1	1/4"
410048	BLOCKING PLUG 300-600 MM	300-600	825	2.5	0.8	12	4	1/4"
410058	BLOCKING PLUG 400-800 MM	400-800	1135	2.5	0.8	22	4	1/2"
410068	BLOCKING PLUG 500-1000 MM	500-1000	1245	2.5	0.8	26	4	1/2"
410078	BLOCKING PLUG 600-1200 MM	600-1200	1525	1.5	0.8	45	4	1/2"
410088	BLOCKING PLUG 600-1500 MM	600-1500	2300	1.5	0.8	65	4	1/2"

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FLOW-THROUGH PLUGS*

SKU	DESCRIPTION	RANGE / NOMINAL SIZE (MM)	DEFLATED LENGTH (MM)	INFLATION PRESSURE (BAR)	MAX BACK-PRESSURE (BAR)	WEIGHT (KG)	NUMBER OF EYE BOLTS	INFLATION THREAD	BYPASS SIZE
411008	FLOW-THROUGH 100-200 MM W/ 1/4" BYPASS	100-200	425	2.5	0.8	3.5	1	1/4"	1/4"
411018	FLOW-THROUGH 150-300 MM W/ 1/2" BYPASS	150-300	540	2.5	0.8	5	1	1/4"	1/2"
412028	FLOW-THROUGH 200-400 MM W/ 2" BYPASS	200-400	635	2.5	0.8	2.5	1	1/4"	50 MM (2")
412048	FLOW-THROUGH 300-600 MM W/ 2" BYPASS	300-600	825	2.5	0.8	19	4	1/4"	50 MM (2")
413048	FLOW-THROUGH 300-600 MM W/ 3" BYPASS	300-600	825	2.5	0.8	19	4	1/4"	75 MM (3")
413058	FLOW-THROUGH 400-800 MM W/ 3" BYPASS	400-800	1135	2.5	0.8	22	4	1/2"	75 MM (3")
414068	FLOW-THROUGH 500-1000 MM W/ 4" BYPASS	500-1000	1245	2.5	0.8	26	4	1/2"	100 MM (4")
414078	FLOW-THROUGH 600-1200 MM W/ 4" BYPASS	600-1200	1525	1.5	0.8	45	4	1/2"	100 MM (4")
416078	FLOW-THROUGH 600-1200 MM W/ 6" BYPASS	600-1200	1525	1.5	0.8	45	4	1/2"	150 MM (6")
414088	FLOW-THROUGH 600-1500 MM W/ 4" BYPASS	600-1500	2300	1.5	0.8	65	4	1/2"	100 MM (4")
416088	FLOW-THROUGH 600-1500 MM W/ 6" BYPASS	600-1500	2300	1.5	0.8	65	4	1/2"	150 MM (6")

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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
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
SIZE MM									
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
900					-	-	1,0	1,1	1,3
1000					-	-	0,8	1,0	1,2
1200					-	-	-	0,8	1,1
1400					-	-	-	-	1,0
1500					-	-	-	-	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.