



TO PLUG

PRONAL's all-purpose stoppers can be used in a variety of in-pipe operations :

- waterproof tests,
- sector isolation,
- temporary sealing,
- maintenance or cleaning operation...

➔ **PERFECT**
sealing

➔ High counter pressure
RESISTANCE

➔ **QUICK**
to set up



OPL/OPLT // Inflatable pipe stopper



To lift



To store



To plug



To secure

OPL/OPLT, INFLATABLE PLUGS

OPL/OPLT inflatable plugs are used to temporarily and effectively plug your pipe networks and systems.

They come in a variety of diameters and can be used in a wide range of applications, including sewage, rainwater and wastewater networks with the NR range, and hydrocarbons and chemicals with the NBR* range.

OPLs are ideal for pipe repairs, maintenance, flow diversions or leak testing (air or water), in complete safety.

* No need to check compatibility with Pronal teams.

ADVANTAGES



Easy installation



Large chemical compatibility



Excellent back-pressure resistance



Perfect sealing



THE OPL RANGE (WITHOUT BYPASS)

Ref	Min diameter Ø (mm)	Max diameter Ø (mm)	Deflated diameter Ø (mm)	Lenght (mm)	Working pressure	Max back pressure	Weight (Kg)	Eye bolt sizews
OPL 30/60	30	60	29	150	3	Please always refer to our chart pressure before using	0,2	NA
OPL 45/80	45	80	43	150	3		0,3	NA
OPL 50/100	50	100	45	110	3		0,3	NA
OPL 65/125	65	125	63	250	3		0,4	NA
OPLS 75/150	75	150	70	195	3		0,5	NA
OPL 75/150	75	150	70	350	3		0,8	NA
OPLS 100/200	100	200	90	250	3		0,8	NA
OPL 100/200	100	200	86	350	3		1,3	NA
OPL 100/150	100	150	90	125	3		0,6	NA
OPL 100/250	100	250	86	600	3		2,2	NA
OPL 125/200	125	200	110	152	3		0,7	NA
OPL 150/250	150	250	145	255	3		2	1xM8
OPL 150/300	150	300	145	465	3		2,6	1xM8
OPL 200/400	200	400	190	555	3		5,5	2xM10
OPL 200/500	200	500	170	725	3		5,5	1xM8
OPL 300/600	300	600	288	715	3		12	2xM10
OPL 400/800	400	800	370	1030	3		22	2xM12
OPL 500/1000	500	1000	472	1140	3		32,5	2xM12
OPL 500/1400	500	1400	490	2200	1,5		55	2xM12
OPL 600/1200	600	1200	570	1400	1,5		49	2xM16
OPL 600/1500	600	1500	570	2180	1,5		65	3xM16
OPL 800/1600	800	1600	770	2000	1,5		90	3xM16
OPL 800/2000	800	2000	760	2750	1,5		125	4xM16

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THE OPLT RANGE (SEWER PLUG WITH BYPASS) - for max back pressure, please refer to right table

Ref	Min diameter Ø (mm)	Max diameter Ø (mm)	Deflated diameter Ø (mm)	Length (mm)	Working pressure	By Pass diameter	Weight (Kg)	Eye bolt sizews
OPLT Ø 100/200	100	200	86	350	2.5	1 x 1/4"	2	NA
OPLT Ø 150/250	150	250	145	255	2.5	1 x 1/2"	3	M8
OPLT Ø 150/300	150	300	145	465	2.5	1 x 1/2"	4	M8
OPLT1 Ø 200/400	200	400	190	555	2.5	2 x 1"	7	M10
OPLT2 Ø 200/400	200	400	190	555	2.5	1 x 2"	7	M10
OPLT1 Ø 200/500	200	500	170	725	2.5	2 x 1"	7	M10
OPLT2 Ø 200/500	200	500	170	725	2.5	1 x 2"	7	M8
OPLT1 Ø 300/600	300	600	288	715	2.5	2 x 1"	16	M10
OPLT2 Ø 300/600	300	600	288	715	2.5	1 x 2"	16	M10
OPLT3 Ø 300/600	300	600	288	715	2.5	2 x 2"	18	M10
OPLT1 Ø 400/800	400	800	370	1030	2.5	2 x 2"	29	M12
OPLT2 Ø 400/800	400	800	370	1030	2.5	1 x 2"	27	M12
OPLT3 Ø 400/800	400	800	370	1030	2.5	1 x 4"	33	M12
OPLT1 Ø 500/1000	500	1 000	472	1140	2.5	2 x 2"	41	M12
OPLT2 Ø 500/1000	500	1 000	472	1140	2.5	1 x 2"	38	M12
OPLT3 Ø 500/1000	500	1 000	472	1140	2.5	1 x 4"	48	M12
OPLT1 Ø 500/1400	500	1 400	472	2200	1,5	2 x 2"	66	M12
OPLT2 Ø 500/1400	500	1 400	490	2200	1,5	1 x 2"	61	M12
OPLT3 Ø 500/1400	500	1 400	490	2200	1,5	1 x 6"	72	M12
OPLT1 Ø 600/1200	600	1 200	566	1400	1,5	2 x 2"	59	M16
OPLT2 Ø 600/1200	600	1 200	566	1400	1,5	1 x 2"	54	M16
OPLT3 Ø 600/1200	600	1 200	566	1400	1,5	1 x 6"	63	M16
OPLT1 Ø 600/1500	600	1 500	570	2180	1,5	2 x 2"	76	M16
OPLT2 Ø 600/1500	600	1 500	570	2180	1,5	1 x 2"	71	M16
OPLT3 Ø 600/1500	600	1 500	570	2180	1,5	1 x 6"	81	M16
OPLT1 Ø 800/1600	800	1 600	770	2000	1,5	2 x 2"	98	M16
OPLT2 Ø 800/1600	800	1 600	770	2000	1,5	1 x 2"	94	M16
OPLT3 Ø 800/1600	800	1 600	770	2000	1,5	1 x 6"	105	M16
OPLT1 Ø 800/2000	800	2 000	760	2750	1,5	2 x 2"	138	M16

APPLICATIONS

- Waterproof tests
- Isolating water networks
- Temporary sealing
- Repair operations
- Cleaning operations



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INFLATABLE PIPE PLUGS - PRESSURE CHART

Head pressure - chart of pipeline pressures (valid for plugs made of NR)

In the following chart you will find indicatory values regarding the maximum back pressure when conducting water-tests with the inflatable plugs:

TYPE OF PIPE PLUGS (MM)	Pipe diameter (mm)																							
	30	45	50	60	65	75	80	100	125	150	200	250	300	400	500	600	800	1000	1200	1400	1500	1600	2000	
30/60	2.4	1.7	1.5	0.8																				
45/80		2.4	2.4	2.2	2.1	1.8	1.0																	
50/100			2.4	2.3	2.3	1.8	1.6	0.5																
65/125					2.4	2.3	2.3	1.6	0.8															
75/150						2.4	2.3	2.2	1.5	1.0														
100/150								2.4	1.5	0.5														
100/200								2.4	2.0	1.6	1.1													
125/200									2.4	1.5	0.5													
150/250										2.4	1.5	1.0												
150/300										2.4	2.2	2.0	1.5											
200/400											2.4	2.2	2.1	1.4										
200/500											2.4	2.3	2.2	1.5	0.4									
300/600													2.4	2.2	2.1	0.9								
400/800														2.4	2.3	2.3	1.1							
500/1000															2.4	2.3	2.2	0.9						
500/1400																1.4	1.4	1.3	1.3	0.9	0.8			
600/1200																	1.4	1.2	1.1	0.5				
600/1500																		1.4	1.3	1.3	1.1	1.0	0.8	
800/1600																			1.4	1.4	1.3	1.3	1.0	0.8

These values are indicative values in clean concrete pipes. If required, contact us.

ACCESSORIES



Ref.	Designation
67194	"Simplified" controller 1 outlet 1/4"
67180	Inflation hose, Red 5 m Universal coupler 1/4" + nipple 1/4"
66902	Inflation hose, Red 10 m Universal coupler 1/4" + nipple 1/4"
67179	Inflation hose, Blue 5 m Universal coupler 1/4" + nipple 1/4"
66901	Inflation hose, Blue 10 m Universal coupler 1/4" + nipple 1/4"
67187	Adaptor Claw Universal coupling
67188	Adaptor "Tête de chat" Universal coupling
31332	Double bypass Ø 25 for air test for ORJT 100/200 & 3D 100/250