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MECHANICAL PLUGS

One of the major benefits of mechanical plugs over pneumatic plugs is mechanical plugs can be used in long term applications. Unlike pneumatic plugs, which can lose air pressure over time, mechanical plugs do not use air pressure, resulting in a more secure seal.



Econ-O-Grip® Plug

- A cost-effective method for plugging open ended pipe
- Great pipe dust cover
- Natural Rubber "O" Ring
- Not recommended for use in a pressure test

Petro Econ-O-Grip® Plug

- Chemical Resistant NBR rubber
- Stainless Hardware
- Cost effective chemical resistant plug
- Not recommended for use in a pressure test



Sure-Grip® Plug

- Natural Rubber "O" Ring
- Polypropylene Construction - no metal parts
- Fits all types of pipe at nominal sizes
- Can be used as a permanent or temporary plug



Kwik 'N Sure® Plug

- Works in all types of pipe
- Works well for plugging water line stubs
- Wing nut on the 0.39" through 1.25" sizes
- Hex nut on the 1.5" through 5" sizes
- Natural Rubber "O" Ring

| Part # | Nominal Size | Size Usage Range | | Maximum Allowable Back Pressure | | Product Specifications | | |
|----------------------------|-------------------|-------------------|-------------------|---------------------------------|------------------------------|------------------------|----------------------|---------------------|
| | | Minimum Diameter | Maximum Diameter | Air Pressure PSI* | Head Pressure (Feet of Head) | Product Length | Product Weight | Carton Quantity |
| Econ-O-Grip® Plugs | | | | | | | | |
| 271519 | 1.5" (40 mm) | 1.44" (37 mm) | 1.65" (42 mm) | 2.0 (0,14 bar) | 5 (1.5 M) | 2.56" (65 mm) | 3.5 oz (.1 kg) | 10 |
| 271527 | 2" (50 mm) | 1.96" (50 mm) | 2.25" (57 mm) | 2.0 (0,14 bar) | 5 (1.5 M) | 2.62" (67 mm) | 5 oz (.14 kg) | 10 |
| 271535 | 3" (75 mm) | 2.86" (73 mm) | 3.25" (82 mm) | 2.0 (0,14 bar) | 5 (1.5 M) | 2.64" (67 mm) | 8.5 oz (.24 kg) | 10 |
| 271543 | 4" (102 mm) | 3.78" (96 mm) | 4.5" (114 mm) | 2.0 (0,14 bar) | 5 (1.5 M) | 3.25" (83 mm) | 12.48 oz (.35 kg) | 10 |
| 271551 | 5" (125 mm) | 4.62" (117 mm) | 5.3" (135 mm) | 1 (0,07 bar) | 2 (.6 M) | 3.55" (90 mm) | 1.1 lbs (.5 kg) | 5 |
| 271578 | 6" (150 mm) | 5.62" (143 mm) | 6.4" (162 mm) | 1 (0,07 bar) | 2 (.6 M) | 3.19" (81 mm) | 1.6 lbs (.7 kg) | 5 |
| Petro Econ-O-Grip® | | | | | | | | |
| 273318 | 1.5" (40 mm) | 1.44" (37 mm) | 1.75" (44 mm) | 2.0 (0,14 bar) | 5 (1.5 M) | 2.56" (65 mm) | 3.5 oz (.1 kg) | 10 |
| 273328 | 2" (50 mm) | 1.96" (50 mm) | 2.25" (57 mm) | 2.0 (0,14 bar) | 5 (1.5 M) | 2.62" (67 mm) | 5 oz (.14 kg) | 10 |
| 273338 | 3" (75 mm) | 2.86" (73 mm) | 3.25" (82 mm) | 2.0 (0,14 bar) | 5 (1.5 M) | 2.64" (67 mm) | 8.5 oz (.24 kg) | 10 |
| 273348 | 4" (102 mm) | 3.78" (96 mm) | 4.3" (109 mm) | 2.0 (0,14 bar) | 5 (1.5 M) | 3.25" (83 mm) | 12.48 oz (.35 kg) | 10 |
| 273358 | 5" (125 mm) | 4.62" (117 mm) | 5.3" (135 mm) | 1 (0,07 bar) | 2 (.6 M) | 3.55" (90 mm) | 1.1 lbs (.5 kg) | 5 |
| 273368 | 6" (150 mm) | 5.62" (143 mm) | 6.3" (160 mm) | 1 (0,07 bar) | 2 (.6 M) | 3.19" (81 mm) | 1.6 lbs (.7 kg) | 5 |
| Sure-Grip® Plugs | | | | | | | | |
| 271158 | 1.5" (40 mm) | 1.48" (40 mm) | 1.63" (42 mm) | 22 (0,5 bar) | 50 (15.2 M) | 2.5" (64 mm) | 1.6 lbs (.05 kg) | 10 |
| 271208 | 2" (50 mm) | 1.89" (48 mm) | 2.09" (53 mm) | 22 (0,5 bar) | 50 (15.2 M) | 3" (76 mm) | 2.4 oz (.07 kg) | 10 |
| 271308 | 3" (75 mm) | 2.89" (73 mm) | 3.09" (79 mm) | 13 (0,9 bar) | 30 (9.2 M) | 3.7" (94 mm) | 4.9 oz (.14 kg) | 10 |
| 271408 | 4" (102 mm) | 3.87" (98 mm) | 4.09" (103 mm) | 13 (0,9 bar) | 30 (9.2 M) | 3.5" (87 mm) | 6.8 oz (.19 kg) | 10 |
| Part # | Nominal Size | Minimum Diameter | Maximum Diameter | Air Pressure PSI* | Head Pressure (Feet of Head) | Product Diameter | Product Length | Product Weight |
| Kwik 'N Sure™ Plugs | | | | | | | | |
| 269832 | .39" (10 mm) | .38" (10 mm) | .43" (11 mm) | 185 (12,8 bar) | 428 (130 M) | .38" (10 mm) | 1.87" (48 mm) | 1 oz (.03 kg) |
| 269840 | 1/2" (13 mm) | 1/2" (13 mm) | .56" (14 mm) | 180 (12,4 bar) | 415 (127 M) | .49" (12 mm) | 1.87" (48 mm) | 1.5 oz (.04kg) |
| 269867 | 3/4" (20 mm) | .72" (18 mm) | .87" (22 mm) | 180 (12,4 bar) | 415 (127 M) | .7" (18 mm) | 2.06" (52 mm) | 1.6 oz (.05 kg) |
| 269875 | 1" (25 mm) | .86" (22 mm) | 1.02" (26 mm) | 40 (2,8 bar) | 92 (28 M) | .84" (21 mm) | 2.18" (55 mm) | 1.9 oz (.05 kg) |
| 269883 | 1 1/4" (32 mm) | 1.24" (32 mm) | 1.43" (36 mm) | 112 (7,7 bar) | 258 (79 M) | 1.22" (31 mm) | 2.06" (52 mm) | 3 oz (.07 kg) |
| 269891 | 1 1/2" (40 mm) | 1.43" (36 mm) | 1.53" (39 mm) | 88 (6,1 bar) | 203 (62 M) | 1.41" (36 mm) | 1.87" (48 mm) | 3.4 oz (.08 kg) |
| 269905 | 2" (51 mm) | 1.73" (44 mm) | 2.06" (52 mm) | 112 (7,7 bar) | 258 (79 M) | 1.71" (43 mm) | 2.63" (67 mm) | 7 oz (.2 kg) |
| 269913 | 2 1/2" (60 mm) | 2.3" (58 mm) | 2.78" (71 mm) | 72 (4,9 bar) | 166 (51 M) | 2.28" (58 mm) | 2.75" (70 mm) | 12 oz (.3 kg) |
| 269921 | 3" (76 mm) | 2.73" (69 mm) | 3.2" (81 mm) | 28 (1,9 bar) | 65 (20 M) | 2.71" (69 mm) | 3.12" (79 mm) | 1.5 lbs (.68 kg) |
| 269948 | 4" (102 mm) | 3.72" (95 mm) | 4.5" (114 mm) | 24 (1,7 bar) | 55 (17 M) | 3.7" (94 mm) | 3.12" (79 mm) | 2.6 lbs (1.2 kg) |
| 269956 | 5" (127 mm) | 4.8" (122 mm) | 5.19" (132 mm) | 8 (0,6 bar) | 18 (6 M) | 4.78" (121 mm) | 3.25" (83 mm) | 2.25 lbs (1 kg) |