










Mechanical Test Plugs

Note: Always block plugs when conducting air tests.



	Nom. Size	Min. Dia.	Max. Dia.	Max. Back Pressure*	Item No.
Cherne Econ-O-Grip Plugs, Galvanized Steel					
	1 1/2 in	1.44 in	1.65 in	5 ft of Head	1VNG4
	2 in	1.96 in	2.25 in	5 ft of Head	1VNG5
	3 in	2.86 in	3.25 in	5 ft of Head	1VNG6
	4 in	3.78 in	4.5 in	5 ft of Head	1VNG7
	5 in	4.62 in	5.3 in	2 ft of Head	1VNG8
	6 in	5.62 in	6.4 in	2 ft of Head	1VNG9
Cherne, Petro Econ-O-Grip, Stainless Steel and Chemical-Resistant Nitrile Rubber					
	1 1/2 in	1.44 in	1.65 in	5 ft of Head	3NVX7
	2 in	1.96 in	2.25 in	5 ft of Head	3NVX8
	3 in	2.86 in	3.25 in	5 ft of Head	3NVX9
	4 in	3.78 in	4.3 in	5 ft of Head	3NVY1
	5 in	4.62 in	5.3 in	2 ft of Head	3NVY2
	6 in	5.62 in	6.3 in	2 ft of Head	3NVY3
Cherne Sure-Grip Plugs, Polypropylene					
	1 1/2 in	1.48 in	1.63 in	50 ft of Head	3NVU4
	2 in	1.89 in	2.09 in	30 ft of Head	3NVU5
	3 in	2.89 in	3.09 in	30 ft of Head	3NVU6
	4 in	3.87 in	4.09 in	30 ft of Head	3NVU7
Cherne Kwik 'N Sure Plugs, Natural Rubber					
	39/100 in	0.38 in	0.43 in	428 ft of Head	5NRV0
	1/2 in	0.5 in	0.56 in	50 ft of Head	2HCF4
	3/4 in	0.72 in	0.87 in	415 ft of Head	2HCF3
	1 in	0.86 in	1.02 in	92 ft of Head	2HCF1
	1 1/4 in	1.24 in	1.43 in	258 ft of Head	2HCF5
	1 1/2 in	1.43 in	1.53 in	203 ft of Head	2HCF2
	2 in	1.73 in	2.06 in	258 ft of Head	2HCF6
	2 1/2 in	2.3 in	2.78 in	166 ft of Head	2HCF7
	3 in	2.73 in	3.2 in	65 ft of Head	3NVU8
	4 in	3.72 in	4.5 in	55 ft of Head	3NVU9
	5 in	4.8 in	5.19 in	18 ft of Head	3NVX1
Test-Tite T-Cones Test Plugs, Plastic					
	1 1/2 in	1.48 in	1.65 in	50 ft of Head	3EJN1
	2 in	1.9 in	2.17 in	50 ft of Head	3EJN2
	3 in	2.8 in	3.1 in	50 ft of Head	3EJN3
	4 in	3.78 in	4.06 in	50 ft of Head	3EJN4
	6 in	5.77 in	6.08 in	30 ft of Head	3EJN5
	8 in	7.76 in	8.03 in	30 ft of Head	3EJN6
Cherne Original Gripper Plugs: End-of-Pipe, Glass Reinforced ABS Plastic with Natural Rubber O-Ring					
	1 1/2 in	1.48 in	1.65 in	40 ft of Head	1VNF4
	2 in	1.9 in	2.17 in	40 ft of Head	1VNF5
	3 in	2.8 in	3.1 in	40 ft of Head	1VNF6
	4 in	3.8 in	4.06 in	40 ft of Head	1VNF7
	6 in	5.77 in	6.08 in	40 ft of Head	1VNG1
	8 in	7.7 in	8.03 in	40 ft of Head	2HCD8











* For max. back air pressure, divide max. ft. of head by 2.31. † Meet all EPA requirements for locking plugs.

Expansion Plugs



Nom. Size	Min. Dia.	Max. Dia.	Max. Back Pressure*	Brass, Zinc Plated Steel, Neoprene Rubber Item No.	Stainless Steel, Neoprene Rubber Item No.	Brass, Neoprene Rubber, Zinc Plated Steel Item No.	Neoprene Rubber, Stainless Steel Item No.
Snap-Tite							
3/8 in	0.38 in	0.405 in	25 ft of Head	6VFR1	6VFT2	—	—
1/2 in	0.41 in	0.4725 in	25 ft of Head	6VFR2	6VFT3	—	—
1/2 in	0.47 in	0.54 in	25 ft of Head	6VFR3	6VFT4	—	—
5/8 in	0.55 in	0.6075 in	25 ft of Head	—	6VFT5	6VFR4	—
5/8 in	0.61 in	0.675 in	25 ft of Head	—	6VFT6	6VFR5	—
3/4 in	0.72 in	0.81 in	25 ft of Head	—	6VFT8	6VFR7	—
7/8 in	0.85 in	0.945 in	25 ft of Head	—	6VFT0	6VFR9	—
1 in	0.97 in	1.08 in	12 ft of Head	—	6VFT2	6VFT1	—
1 1/4 in	1.19 in	1.333 in	5 ft of Head	—	—	14M015	—
1 1/2 in	1.38 in	1.545 in	5 ft of Head	—	—	14M016	14M025
1 3/4 in	1.63 in	1.826 in	5 ft of Head	—	—	14M017	—
2 in	1.95 in	2.184 in	5 ft of Head	—	—	14M018	14M026
2 1/4 in	2.25 in	2.52 in	5 ft of Head	—	—	14M019	—
2 1/2 in	2.47 in	2.766 in	5 ft of Head	—	—	14M020	—
2 3/4 in	2.69 in	3.013 in	5 ft of Head	—	—	14M021	—
3 in	2.94 in	3.293 in	5 ft of Head	—	—	14M022	14M027
3 1/2 in	3.38 in	3.786 in	5 ft of Head	—	—	14M023	—
4 in	3.94 in	4.413 in	5 ft of Head	—	—	14M024	—
Turn-Tite							
1/2 in	0.48 in	0.54 in	24 ft of Head	6VFL9	6VFP0	—	—
5/8 in	0.56 in	0.629 in	10 ft of Head	—	14M013	—	—
5/8 in	0.56 in	0.63 in	10 ft of Head	14M003	—	—	—
3/4 in	0.72 in	0.81 in	24 ft of Head	6VFN0	6VFP1	—	—
7/8 in	0.81 in	0.909 in	10 ft of Head	14M004	14M014	—	—
1 in	0.94 in	1.08 in	12 ft of Head	6VFN1	6VFP2	—	—
1 1/8 in	1.06 in	1.166 in	5 ft of Head	14M005	—	—	—
1 1/4 in	1.21 in	1.35 in	12 ft of Head	6VFN2	6VFP3	—	—
1 3/8 in	1.32 in	1.478 in	5 ft of Head	14M006	—	—	—
1 1/2 in	1.44 in	1.62 in	12 ft of Head	6VFN3	6VFP4	—	—
1 5/8 in	1.55 in	1.736 in	5 ft of Head	14M007	—	—	—

* For max. back air pressure, divide max. ft. of head by 2.31.

	Nom. Size	Min. Dia.	Max. Dia.	Max. Back Pressure*	Item No.
Cherne Original Gripper Plugs: Inside-of-Pipe, Glass Reinforced ABS Plastic with Natural Rubber O-Ring					
	4 in	3.8 in	4.06 in	40 ft of Head	1VNF8
	6 in	5.77 in	6.08 in	40 ft of Head	1VNF9
	8 in	7.7 in	8.03 in	40 ft of Head	2HCD9
Cherne Hub-Fit Gripper Plugs, Glass Reinforced ABS Plastic with Natural Rubber O-Ring					
	2 in	2.25 in	2.45 in	30 ft of Head	3NVX4
	3 in	3.44 in	3.53 in	30 ft of Head	3NVX5
	4 in	4.41 in	4.53 in	30 ft of Head	3NVX6
Cherne Clean-Out Gripper Plugs (with American Threads), Glass Reinforced ABS Plastic with Natural Rubber O-Ring					
	2 in	2.16 in	2.2 in	40 ft of Head	3NVX2
	3 in	3.23 in	3.75 in	40 ft of Head	1VNG2
	3 1/2 in	3.78 in	4.25 in	40 ft of Head	3NVX3
	4 in	4.22 in	4.6 in	40 ft of Head	1VNG3
Cherne Monitor-Well Locking Plugs, Chemical and Petroleum-Resistant Estaloc Plastic with Nitrile O-Ring, to Seal all Schedule 40 Pipe†					
	1 to 1 1/4 in	1.0 in	1.38 in	15 ft of Head	3NVU3
	2 in	1.9 in	2.31 in	15 ft of Head	3NVU2
	3 in	2.8 in	3.1 in	15 ft of Head	3NVU1
	4 in	3.8 in	4.38 in	15 ft of Head	3NVT9
	6 in	5.77 in	6.08 in	15 ft of Head	3NVT8
	8 in	7.76 in	8.03 in	15 ft of Head	5NRW7
Cherne T-Handle Aluminum Gripper Plugs (Nonbypass), Heavy-Duty Aluminum with Neoprene O-Ring					
	8 in	7.7 in	8.3 in	40 ft of Head	3NWA7
	10 in	9.8 in	10.3 in	40 ft of Head	3NWA8
	12 in	11.7 in	12.3 in	30 ft of Head	3NWA9
Cherne T-Handle Gripper Plugs (With Bypass), Heavy-Duty Aluminum with Neoprene O-Ring					
	6 in	5.7 in	6.3 in	40 ft of Head	3NWC1
	8 in	7.7 in	8.3 in	40 ft of Head	3NWC2
	10 in	9.8 in	10.3 in	40 ft of Head	3NWC3
	12 in	11.7 in	12.3 in	30 ft of Head	5NRW8
	15 in	14.8 in	15.3 in	30 ft of Head	5NRW9
	18 in	17.7 in	18.3 in	20 ft of Head	5NRX0
Cherne Mechanical Expansion Plug, for Water or Air Testing or Blocking, Bypass Plug					
	6 in	5.77 in	6 in	10 ft of Head	53MH26
Cherne Mechanical Expansion Plug, for Water or Air Testing or Blocking, Mechanical					
	2 in	2.0 in	2 in	30 ft of Head	53MH34
	3 in	2.94 in	3 in	25 ft of Head	53MH37
	4 in	3.97 in	4 in	18 ft of Head	53MH36
	12 in	11.95 in	12 in	6 ft of Head	53MH33
Cherne Plug, for Underground, T-Handle					
	6 in	5.77 in	6 in	40 ft of Head	53MH27

Nom. Size	Min. Dia.	Max. Dia.	Max. Back Pressure*	Brass, Zinc Plated Steel, Neoprene Rubber Item No.	Stainless Steel, Neoprene Rubber Item No.	Brass, Neoprene Rubber, Zinc Plated Steel Item No.	Neoprene Rubber, Stainless Steel Item No.
1 1/2 in	1.7 in	1.89 in	12 ft of Head	6VFN4	6VFP5	—	—
1 3/8 in	1.81 in	2.027 in	5 ft of Head	14M008	—	—	—
2 in	1.93 in	2.16 in	12 ft of Head	6VFN5	6VFP6	—	—
2 1/4 in	2.22 in	2.43 in	12 ft of Head	6VFN6	6VFP7	—	—
2 1/2 in	2.44 in	2.7 in	12 ft of Head	6VFN7	6VFP8	—	—
2 3/4 in	2.63 in	2.97 in	12 ft of Head	6VFN8	6VFP9	—	—
3 in	2.92 in	3.24 in	12 ft of Head	6VFN9	6VFR0	—	—
3 1/4 in	3.13 in	3.506 in	5 ft of Head	14M009	—	—	—
3 1/2 in	3.41 in	3.853 in	5 ft of Head	14M010	—	—	—
3 3/4 in	3.69 in	4.133 in	5 ft of Head	14M011	—	—	—
4 in	3.97 in	4.446 in	10 ft of Head	14M012	—	—	—

Nom. Size	Min. Dia.	Max. Dia.	Max. Back Pressure*	Neoprene Rubber, Zinc Plated Steel Item No.
Hex-Nut				
1/2 in	0.48 in	0.538 in	10 ft of Head	14M032
3/4 in	0.72 in	0.805 in	10 ft of Head	14M033
1 in	0.94 in	1.049 in	5 ft of Head	14M034
1 1/4 in	1.21 in	1.355 in	5 ft of Head	14M035
1 1/2 in	1.44 in	1.613 in	5 ft of Head	14M036
1 3/4 in	1.7 in	1.904 in	5 ft of Head	14M037
2 in	1.93 in	2.162 in	5 ft of Head	14M038
Wing-Nut				
1/2 in	0.48 in	0.538 in	10 ft of Head	14M028
1 in	0.94 in	1.049 in	5 ft of Head	14M029
1 1/2 in	1.44 in	1.613 in	5 ft of Head	14M030
2 in	1.93 in	2.162 in	5 ft of Head	14M031

Snap-Tite
6VFR1Turn-Tite
6VFL9Hex-Nut
14M037Wing-Nut
14M028Bypass Turn-Tite
14M039Aluminum,
Neoprene Rubber,
Stainless Steel
Item No.

Nom. Size	Min. Dia.	Max. Dia.	Max. Back Pressure*	Item No.
Thumb Nut				
5/8 in	0.29 in	0.3375 in	24 ft of Head	6VFN4
3/4 in	0.36 in	0.405 in	24 ft of Head	6VFN5
1/2 in	0.48 in	0.54 in	24 ft of Head	6VFN7
5/8 in	0.53 in	0.6075 in	24 ft of Head	6VFN8
Bypass Turn-Tite				
1/2 in	0.48 in	0.537 in	10 ft of Head	14M039
1 in	0.94 in	1.049 in	5 ft of Head	14M040
2 in	1.44 in	1.613 in	5 ft of Head	14M041
	1.93 in	2.122 in	5 ft of Head	14M042