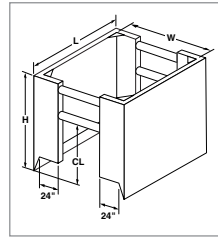


## 4" SINGLE AND DOUBLE WALL

Specially designed manhole shields enables your job to progress smoothly and safely. Many sizes available to meet your requirements.

- Designed and engineered to superior strength standards
- Manhole shields are constructed with the same rugged design and materials used on the ProSeries line
- Adjustable and stackable
- Professional Engineer Certified to OSHA requirements
- Optional replaceable cutouts



**Manhole Shields - with Wings and 5" Schedule 80 Spreader Pipe**

Ht x Lgth x Wd (ft.)	Model	Wall	Weight (lbs.)	Pipe Clear (in) (PSF)*	Depth of Cut (ft.)			
					A	B	C	
4 X 8 X 8	MAN4-48S	4" Single	2700	24	1800	72	40	30
4 X 10 X 10	MAN4-410S	4" Single	3000	24	1380	55	31	23
8 X 8 X 8	MAN4-88S	4" Single	4200	48	1140	46	25	19
8 X 10 X 10	MAN4-810S	4" Single	4900	48	780	31	17	13
8 X 12 X 12	MAN4-812S	4" Single	5600	48	600	24	13	10
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4 X 8 X 8	MAN4-48D	4" Double	3100	24	3000	120	67	50
4 X 10 X 10	MAN4-410D	4" Double	3600	24	3000	120	67	50
4 X 12 X 12	MAN4-412D	4" Double	4200	24	2100	84	47	35
8 X 8 X 8	MAN4-88D	4" Double	4990	48	2400	96	53	40
8 X 10 X 10	MAN4-810D	4" Double	5890	48	2100	84	47	35
8 X 12 X 12	MAN4-812D	4" Double	6750	48	1680	67	37	28
8 X 14 X 14	MAN4-814D	4" Double	7700	48	1500	60	33	25

\*PSF (pounds per square foot) ratings indicate maximum shield capacities. Depths are based on A, B, C, soil types as described in OSHA's 29 CFR Part 1926 Subpart P, October 31, 1989 with Type A not exceeding 25 PSF per foot of depth, Type B not exceeding 45 PSF per foot of depth and Type C not exceeding 60 PSF per foot of depth. Determine actual soil pressures and consult Manufacturers Tabulated Data prior to each use.

## OCTAGON MANHOLE

The Octagon Manhole Shield (OMH) combines the strength and durability of a Pro-Tec Shield with safety and security of a lightweight 4-sided shield.

- Ideal for light-duty excavators
- Single wall design allows depths up to 30'
- Stackable
- Optional replaceable trapezoidal cutouts
- Professional Engineer Certified to OSHA requirements
- Unique shape allows potential of 3 cubic yards of fill savings



Model	Height	Length	Width	Weight (LBS)
OMH-48	4'	8'	8'	2,450
OMH-410	4'	10'	10'	3,160
OMH-412	4'	12'	12'	4,095
OMH-68	6'	8'	8'	3,500
OMH-610	6'	10'	10'	4,485
OMH-88	8'	8'	8'	4,655
OMH-810	8'	10'	10'	5,255
OMH-412	8'	12'	12'	7,830

## 4 SIDED MANHOLES

- 4-sided shields with T-connection cutouts for repair and maintenance
- Professional Engineer Certified to OSHA requirements
- Through wall lifting lugs
- Wide range of sizes and styles to suit job needs

