

LIGHTWEIGHT 4" DOUBLE WALL STEEL TRENCH SHIELD

We combined lightweight design integrity into a 4-inch double wall steel trench shield that delivers superior depth ratings with less overall weight.

- Ideal for handling by small excavators
- Light to medium duty applications
- Competitively priced
- Spreaders are available in either 5-inch or 8-inch diameter schedule 80 pipe
- Industry's first, safer 4-point lifting system
- Professional Engineer certified to meet OSHA requirements
- Industry's strongest knife edge for long life
- Up to 48 inches of vertical pipe clearance

- Recessed collars inserted between twin end posts for extra strength
- Full length double tube top rail provides built-in "I" beam strength

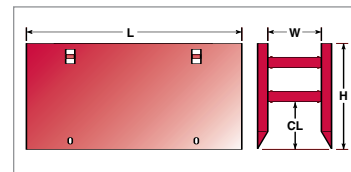
- Available with or without a knife edge
- Extended collars also available

Specifically designed for:

- Municipal utility installation, maintenance and repair
- Water, sewer, gas, fiber optics, and cable installation and repair

Options:

- Cutouts for T connections
- End panels for 3- or 4-sided models
- Custom designs to your specifications



| Ht x Lgth (ft.) | Model | Shield Weight | | Pipe Clear (in.) | Shield Cap (PSF)* | Depth of Cut (ft.) | | |
|-----------------|--------------|---------------|------------|------------------|-------------------|--------------------|----|----|
| | | 4" Collars | 7" Collars | | | A | B | C |
| 4 x 8 | Pal4 - 48 D | 1800 | 2100 | 24 | 2400 | 96 | 53 | 40 |
| 4 x 10 | Pal4 - 410 D | 2190 | 2490 | 24 | 2100 | 84 | 47 | 35 |
| 4 x 12 | Pal4 - 412 D | 2490 | 2790 | 24 | 1740 | 70 | 39 | 29 |
| 4 x 14 | Pal4 - 414 D | 3000 | 3300 | 24 | 1500 | 60 | 33 | 25 |
| 4 x 16 | Pal4 - 416 D | 3200 | 3500 | 24 | 1140 | 46 | 25 | 19 |
| 4 x 20 | Pal4 - 420 D | 3850 | 4150 | 24 | 780 | 31 | 17 | 13 |
| 4 x 24 | Pal4 - 424 D | N/A | 5120 | 24 | 540 | 22 | 12 | 9 |
| 6 x 8 | Pal4 - 68 D | 2490 | 2790 | 36 | 2400 | 96 | 53 | 40 |
| 6 x 10 | Pal4 - 610 D | 2950 | 3250 | 36 | 2100 | 84 | 47 | 35 |
| 6 x 12 | Pal4 - 612 D | 3390 | 3690 | 36 | 1740 | 70 | 39 | 29 |
| 6 x 14 | Pal4 - 614 D | 3850 | 4150 | 36 | 1500 | 60 | 33 | 25 |
| 6 x 16 | Pal4 - 616 D | 4300 | 4600 | 36 | 1140 | 46 | 25 | 19 |
| 6 x 20 | Pal4 - 620 D | 5250 | 5550 | 36 | 780 | 31 | 17 | 13 |
| 6 x 24 | Pal4 - 624 D | N/A | 6530 | 36 | 540 | 22 | 12 | 9 |
| 8 x 8 | Pal4 - 88 D | 3100 | 3400 | 48 | 2400 | 96 | 53 | 40 |
| 8 x 10 | Pal4 - 810 D | 3650 | 3950 | 48 | 2100 | 84 | 47 | 35 |
| 8 x 12 | Pal4 - 812 D | 4250 | 4550 | 48 | 1740 | 70 | 39 | 29 |
| 8 x 14 | Pal4 - 814 D | 4800 | 5100 | 48 | 1500 | 60 | 33 | 25 |
| 8 x 16 | Pal4 - 816 D | 5400 | 5700 | 48 | 1140 | 46 | 25 | 19 |
| 8 x 20 | Pal4 - 820 D | 6750 | 7050 | 48 | 780 | 31 | 17 | 13 |
| 8 x 24 | Pal4 - 824 D | N/A | 8380 | 48 | 540 | 22 | 12 | 9 |

Note: Pal 4 is not compatible with High Clearance Arch.

5" Schedule 80 Spreader Pipe Including Pins & Keepers

4 Pipe Spreader Sets

| Model | Inside Width (in.) | Weight (lbs.) |
|--------|--------------------|---------------|
| M4- 24 | 24 | 220 |
| M4- 30 | 30 | 270 |
| M4- 36 | 36 | 310 |
| M4- 42 | 42 | 350 |
| M4- 48 | 48 | 390 |
| M4- 60 | 60 | 470 |
| M4- 72 | 72 | 560 |
| M4- 84 | 84 | 640 |
| M4- 96 | 96 | 730 |
| M4-108 | 108 | 810 |
| M4-120 | 120 | 890 |
| M4-132 | 132 | 1000 |
| M4-144 | 144 | 1100 |

5 Pipe Spreader Sets

| Model | Inside Width (in.) | Weight (lbs.) |
|--------|--------------------|---------------|
| M5- 24 | 24 | 280 |
| M5- 30 | 30 | 330 |
| M5- 36 | 36 | 390 |
| M5- 42 | 42 | 440 |
| M5- 48 | 48 | 490 |
| M5- 60 | 60 | 590 |
| M5- 72 | 72 | 700 |
| M5- 84 | 84 | 800 |
| M5- 96 | 96 | 910 |
| M5-108 | 108 | 1010 |
| M5-120 | 120 | 1120 |
| M5-132 | 132 | 1250 |
| M5-144 | 144 | 1375 |

8" Schedule 80 Spreader Pipe Including Pins & Keepers

4 Pipe Spreader Sets

| Model | Inside Width (in.) | Weight (lbs.) |
|--------|--------------------|---------------|
| H4- 24 | 24 | 470 |
| H4- 30 | 30 | 560 |
| H4- 36 | 36 | 650 |
| H4- 42 | 42 | 740 |
| H4- 48 | 48 | 820 |
| H4- 60 | 60 | 1010 |
| H4- 72 | 72 | 1170 |
| H4- 84 | 84 | 1350 |
| H4- 96 | 96 | 1510 |
| H4-108 | 108 | 1692 |
| H4-120 | 120 | 1860 |
| H4-132 | 132 | 2040 |
| H4-144 | 144 | 2210 |

5 Pipe Spreader Sets

| Model | Inside Width (in.) | Weight (lbs.) |
|--------|--------------------|---------------|
| H5- 24 | 24 | 590 |
| H5- 30 | 30 | 690 |
| H5- 36 | 36 | 800 |
| H5- 42 | 42 | 910 |
| H5- 48 | 48 | 1020 |
| H5- 60 | 60 | 1240 |
| H5- 72 | 72 | 1450 |
| H5- 84 | 84 | 1670 |
| H5- 96 | 96 | 1890 |
| H5-108 | 108 | 2110 |
| H5-120 | 120 | 2320 |
| H5-132 | 132 | 2540 |
| H5-144 | 144 | 2760 |