



PipeSak® Pipeline Protection

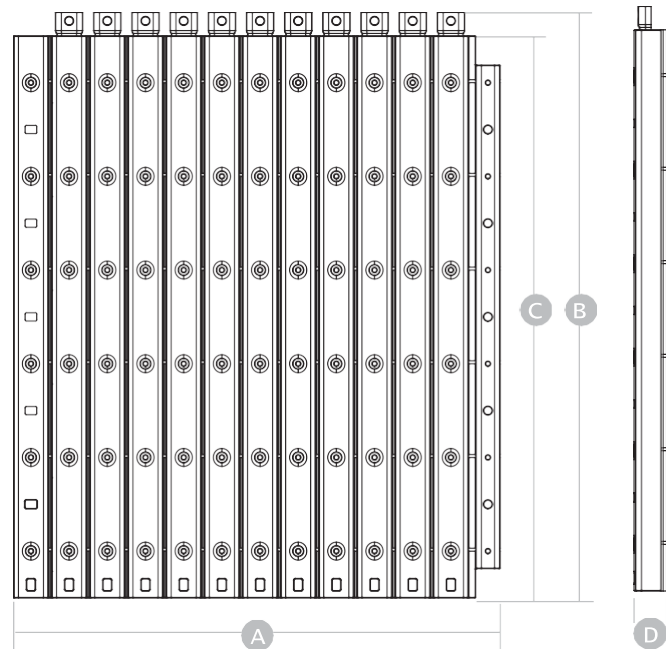
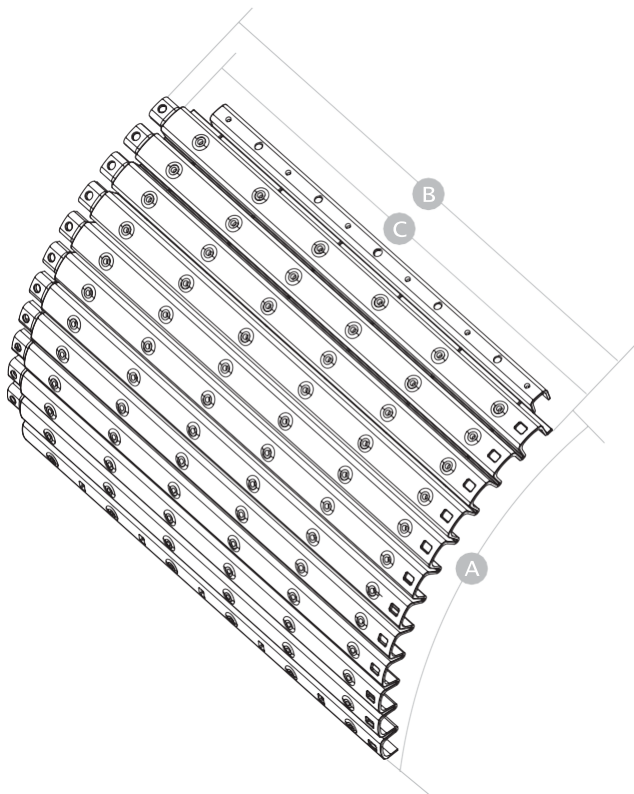
Technical Notes

PipeDefender® Dimensional Data

| PipeDefender® Panel Dimensions | PD24/36/48 56/60 Full Panel | PD30/42 Partial Panel A | PD20 Partial Panel B |
|--------------------------------|--------------------------------|----------------------------|-------------------------|
| Weight | 23 lbs (10.4 kg) | 12.4 lbs (5.6 kg) | 16 lbs (7.3 kg) |
| Width (A) | 41.5" (105.4 cm) | 23.4" (59.4 cm) | 28.9" (73.4 cm) |
| Overall Length (B) | 50" (127 cm) | 50" (127 cm) | 50" (127 cm) |
| Installed Length (C) | 48" (121.9 cm) | 48" (121.9 cm) | 48" (121.9 cm) |
| Height (D) | 2.25" (5.7 cm) | 2.25" (5.7 cm) | 2.25" (5.7 cm) |

Note: For NPS 20, 30, and 42 reduced panel sizes will be provided to fully encircle pipeline.

| Panels needed for: | NPS20 | NPS24 | NPS30 | NPS36 | NPS42 | NPS48 | NPS56 | NPS60 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| PD24 / PD36 / PD48 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| PD30/42 (Partial Panel A) | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| PD20 (Partial Panel B) | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |





PipeSak® Pipeline Protection

Technical Notes

PipeDefender® SD Dimensional Data

| PipeDefender® SD Panel Dimensions | PD12 Full Panel | PD16 Full Panel |
|-----------------------------------|-----------------|-----------------|
| Weight | 15lbs (6.8 kg) | 19 lbs (8.6 kg) |
| Width (A) | 45" (114.3 cm) | 56.67" (144 cm) |
| Overall Length (B) | 37.5" (95.3 cm) | 37.5" (95.1 cm) |
| Installed Length (C) | 36" (91.4 cm) | 36" (91.44 cm) |
| Height (D) | 0.94" (2.4 cm) | 0.94" (2.4 cm) |

Note: For NPS 4, 6, 8, and 10 pipelines, PD12 panels need to be trimmed to width listed below

| Trim panels for: | NPS4 | NPS6 | NPS8 | NPS 10 |
|------------------|-----------------|----------------|------------------|---------------------|
| Cut Width (E) | 18.75" (47.6 | 26" (66 cm) | 32" (81.3 cm) | 37.75" (95.9 cm) |

