



PipeSak® Pipeline Protection

GENERAL

PipeSak® QF (Quick Fill) pipeline weights are specifically designed to save the contractor time and money. They require less equipment and labor to fill, and are installed on the pipeline using a single lift point without the need for a worker in the trench.

PipeSak® QF pipeline weights are engineered for rugged pipeline construction. They are manufactured using heavy-grade woven geotextile fabrics that are designed for underground use. High-quality UV inhibitors ensure the integrity of the weight is maintained, even after long-term UV exposure on the right of way. High tensile strapping, heavy-seam construction, and the patented multi-compartment design give the PipeSak® QF weights a minimum 4 times factor of safety.

TO INSTALL

Step 1: String PipeSak® QF weights along the right of way as you would with any set-on weight. (Refer to Technical Notes section called Stringing Procedures.)

Step 2: PipeSak® QF weights generally come with four lifting loops. To lift, bring the four loops together on to a single hook and lift.

Only chains with suitable burr-free hooks or bag-type slings should be used in lifting to ensure the lift strapping on the PipeSak® QF weights is not damaged. Should any lift strapping become damaged, set the PipeSak® QF weight aside and report to an inspector or the PipeSak® representative.

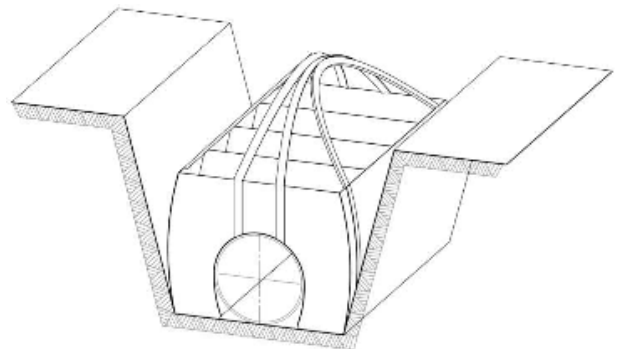
Step 3: Once centered over the pipeline, the PipeSak® QF can be lowered into its final position on top of the pipeline and released.

Step 4: PipeSak® QF weight can be installed by an excavator, side boom or crane depending on size and reach required. For small numbers and/or a narrow trench, backhoes may be preferred.

Once a PipeSak® QF weight is installed, the risk of tipping off the pipe is minimal. As water fills the trench, saturated PipeSak® QF weights tend to “snug down” even tighter onto the pipeline.



Single lift point





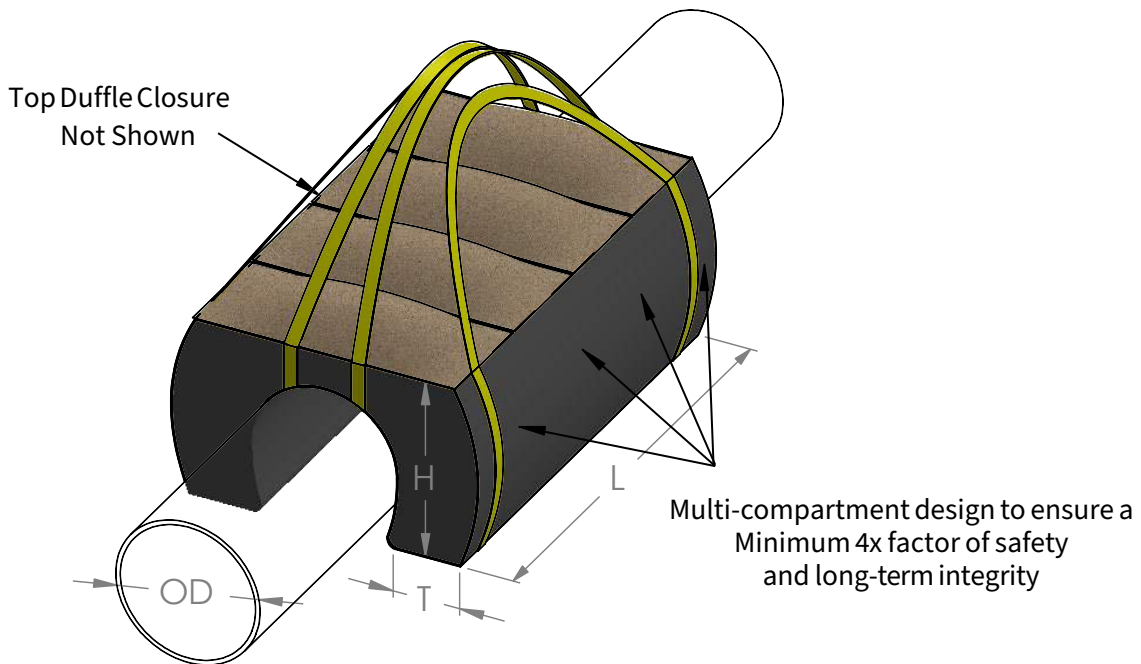
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Technical Notes

PipeSak® Installation Guidelines

FILLED (INSTALLED) DIMENSIONS

Product Code	Pipe (OD)		Filled Weight			Leg Thickness (T)		Installed Height (H)		Length (L)	
	in	(mm)	lb.	(kg)	Yd3	in	(mm)	in	(mm)	in	(mm)
QF4	4.5	(114.3)	220	(100)	0.09	3	(76)	11	(279)	40	(1,016)
QF6	6.625	(168.3)	440	(200)	0.17	4	(102)	15	(381)	42	(1,066)
QF8	8.625	(219.1)	660	(300)	0.26	4	(102)	18	(457)	50	(1,270)
QF10	10.75	(273.1)	1,100	(500)	0.43	5	(127)	20	(508)	60	(1,524)
QF12	12.75	(323.9)	1,600	(725)	0.63	6	(152)	23	(584)	65	(1,651)
QF16	16	(406.4)	2,500	(1,135)	0.98	8	(203)	24	(609)	80	(2,032)
QF20	20	(508)	5,000	(2,270)	1.95	12	(305)	36	(914)	70	(1,778)
QF24	24	(609.6)	5,000	(2,270)	1.95	12	(305)	36	(914)	70	(1,778)
QF30	30	(762)	7,000	(3,175)	2.73	13.5	(343)	40	(1,092)	82	(2,032)
QF36	36	(914)	9,000	(4,085)	3.51	15	(381)	49	(1,244)	83	(2,108)



NOTES:

- 1) All filled dimensions are approximated. When installed, PipeSak® weights conform tightly to the pipeline circumference. Filled with a loose stone or ballast, PipeSak® weights can be pushed into tight trench widths.
- 2) Additional sizes and weights are available for custom applications.

