

JP Specialties, Inc. / Earth Shield® Waterstop

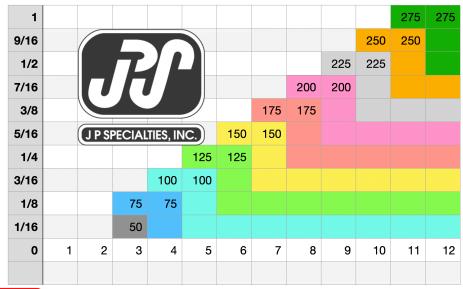
Tech Tips 017

Waterstop Sizing Chart

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Adapted from Corps of Engineers "Waterstops and Other Joint Materials" — EM1110-2-2102

The relation of material thickness and width requirements of thermoplastic waterstops versus the height of hydrostatic head. For example in the above graph, a concrete dam or lock that is designed to resist a 125 ft of water head of hydrostatic pressure may require a PVC waterstop that is 6 inches wide and ¼" thick. A wide range of PVC waterstop dimensions may be used to resist a single head pressure. This relationship represents an average value of hydrostatic pressure ratings for various sizes of PVC waterstops and is therefore relatively insensitive to small, subtle variations in the configuration of



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each individual waterstop. Thus, the graph is only valid for use as general guidance in the design and selection of thermoplastic waterstops.

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