LAYFIELD GEOSYNTHETICS

TECHNICAL SPECIFICATIONS

SPRING BERMS

Prevent sediment-laden water from entering storm systems with a Layfield spring berm. When used in channels and highway ditches, these sediment control devices reduce the flow velocity of water and help to reduce erosion by filtering out and trapping silt and sediment.

Spring berms are made from a tubular fabric body with skirts extending from both upstream and downstream sides for anchoring the barrier to the ground. Experts recommend that these sediment control systems be used with an erosion control blanket.

Material Properties	April 2023		Spring Berm
	Style	ASTM	
	Nominal Dimensions, Helical Spring		
	Height		12"
	Expanded Length		6'
	Typical Fabric Properties		
	Tensile Strength (MD)	D 751	445 N (100 lbs)
	Tensile Strength (CD)	D751	400 N (90 lbs)
	Trap Tear(MD)	D4533	156 N (35 lbs)
	Trap Tear(CD)	D4533	120 N (27 lbs)
	Mesh Density		35%
	Fabric skirt sewn to body fabric, on either side of berm		18"
	Velocity Reductions		
	Flow Velocity Reductions	D7208	50% min
	Shipping Dimensions		
	Compressed State		14" diameter
	Number of Spring Berms per Bag		6
	Number of Bags on a Skid		45