



FIELD SAVER[®] STORAGE ROLLER

— TECHNICAL SPECIFICATIONS —

WORKMANSHIP:	The Roller shall be homogeneous throughout and essentially uniform in color, opacity, density and other properties. The Roller walls shall be free of cracks, holes, blisters, voids, foreign inclusions, or other defects that are visible to the naked eye and that may affect the wall integrity.	
MATERIALS:	Compounds used in the manufacture of FieldSaver Roller shall conform to requirements of cell classification 435420C as defined in ASTM D3350.	
MINIMUM STIFFNESS:	The Roller shall have a minimum pipe stiffness at 5% deflection of 34 psi when tested in accordance with ASTM specifications D2412.	
PRODUCT CODE:	ROLLER28X13 (156lbs), ROLLER28X20 (240lbs), ROLLER28X34 (396lbs), ROLLER28X40 (480lbs)	
COLOR:	Black	
SIZE:	Roller Diameter: 24" Outer Diameter: 27.78" Valley Width: 1.294 Maximum Inside Diameter: 25.08" Waterway Wall Thickness: .060"	Roller Lengths: 20', 34', 40' Crown Width: 1.842" Minimum Inside Diameter: 23.64"
STANDARDS:	The Roller will meet or exceed the requirements of AASHTO M252 and M294 – Type S and SP.	
ROLLER JOINING:	Rollers are available with a bell and spigot design with a rubber gasket on the spigot end. These joints will meet the water tight requirements of ASTM F2306 (10.8 psi in a lab test in accordance with ASTM D3212) and the gaskets will meet the requirements of ASTM F3477. Rollers shall be joined at the bell and spigot in accordance with CoverSports guidelines to ensure all standards are met.	
