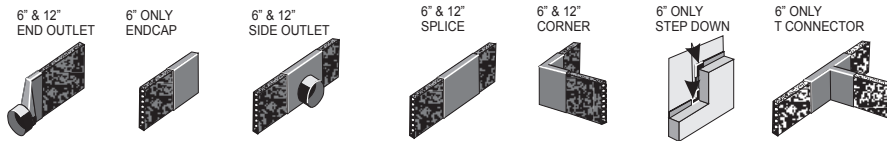


**ERS-PWD
Fittings &
Accessories**



ERS-PWD consists of a heavy duty polypropylene sheet cusped under heat and pressure to form a 3 dimensional, high flow, dimpled drainage core. The core is then wrapped and bonded with a non-woven filter fabric. The filter fabric retains soil or sand particles as well as freshly placed concrete or grout, allowing filtered water to pass into the drainage core. Soil backfill is retained while allowing water to pass into the drainage system providing hydrostatic relief. Collected water is then conveyed to a collection system. The drainage core is chemically resistant and designed for applications where chemical exposure is possible. The 1 inch (25 mm) profile design allows for higher venting and flow rates.

Core

Physical Properties

Fabric

Compressive Strength (ASTMD-1621)	9,500 psf	(455 kN/m ²)	Flow (ASTM D-4491)	140 gpm/ft ²²	(5704 lpm/m)	
Thickness (ASTM-1777)	1 in.	(2.54 cm.)	CBR Puncture (ASTM D-6241)	250 lbs.	(1.11 kN)	
In-Plane Flow (ASTMD-4716) (Q&S18 psf & Hydraulic gradient = .1)	30 gpm/ft width	(372 lpm/m)	AOS (ASTM D-4751)	70 U.S. Sieve	(.212 mm)	
Roll	Roll Weight:	38, 68, 83, 98, & 128 lbs.	(17, 30, 37, 44, & 57 kgs.)	Grab Tensile (ASTM D-4632)	100 lbs.	(.45 kN)
	Roll Width:	6", 12", 18", 24", & 36"	(15, 30, 38, 45, & 60 cm.)	Permittivity (ASTM D-4491)	2.0 sec ⁻¹	
	Roll Length:	165 ft. / 300 ft.	(50.29 / 91.44 meters)	U.V. Resistance (ASTM D-4355)	70% @500 hrs.	

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The information contained herein is believed to be accurate and is offered solely for the customer's consideration, investigation and verification. Determination of suitability for use is the responsibility of the user. ERS's Limitations, Limited Warranty, & Disclaimer along with Standard Terms & Conditions apply. Limitations: ERS-PWD is resistant to chemicals in normal soil environments. However, some reagents may affect the performance of ERS-PWD. An ERS representative should be contacted for further information to determine the suitability of use of ERS-PWD in unusual soil environments. ERS-PWD should be limited to its exposure to ultra-violet sunlight. ERS-PWD should be backfilled or covered within seven days of installation. Disclaimer: All information, drawings and specifications are based on the latest published information at the time of printing. ERS reserves the right to make changes due to manufacturing improvements and engineering at any time. All physical properties are minimum average roll values (MARV). Standard variations of 10% in mechanical properties and 15% in hydraulic properties are normal.