

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 nonwoven 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.

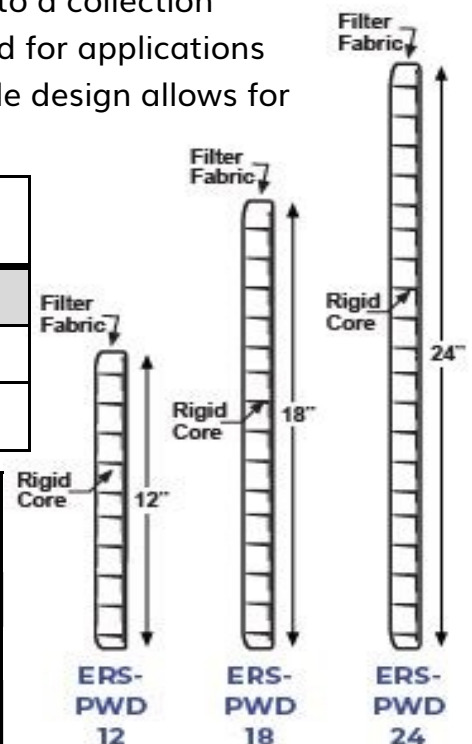


Soil backfill is retained while allowing water to pass into the drainage system providing hydrostatic relief. Collected water is then conveyed to a collection system. The drainage core is chemically resistant and designed for applications where chemical exposure is possible. The 1 inch (25 mm) profile design allows for higher venting and flow rates.

ROLL PROPERTY	ENGLISH	METRIC
Roll Weight	38, 68, 83, 98, & 128 lbs.	17, 30, 37, 44, & 57 kgs.
Roll Width	6, 12, 18, 24, & 36 in.	15,30, 38, 45, & 60 cm
Roll Length	165 ft./300 ft.	50.29 m./91.44 m.

CORE PROPERTY	TEST METHOD	ENGLISH	METRIC
Compressive Strength	ASTM D1621	9,500 psf	455 kNm <sup>2</sup>
Thickness	ASTM D1777	1 in	25.4 mm
In-Plane Flow (Q&518 psf & Hydraulic Gradient =1)	ASTM D4716	30 g/min/ft	372 lpm/m

FABRIC PROPERTY	TEST METHOD	ENGLISH	METRIC
Flow	ASTM D4491	140 g/min/ft <sup>2</sup>	5704 lpm/m <sup>2</sup>
CBR Puncture	ASTM D6241	250 lbs.	1.11 kN
AOS	ASTM D4751	70 US Std. Sieve	0.212 mm
Grab Tensile	ASTM D4632	100 lbs.	0.45 kN
Permittivity	ASTM D4491	2.0 sec <sup>-1</sup>	2.0 sec <sup>-1</sup>
U.V. Resistance	ASTM D4355	70% @500 hrs.	70% @500 hrs.



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### FITTINGS



### TAPE



#### ADVANTAGES

- Makes watertight junctions & connections
- Provides super stretchability
- Not affected by oil-alkaline-acid-moisture
- Made out of PVC
- Underground Tape

#### PROPERTIES

- Roll Size: 2 in x 108 ft
- Tensile Strength: 20 lbs/in.<sup>2</sup>
- Elongation: 200%
- Dielectric: 9000 volts
- Thickness: 8 mil

Use PWD Tape to connect seams, overlaps and connect ERS-PWD fittings.

### CLIPS



#### ADVANTAGES

- Reduces damage to fabric during installation
- One piece design
- Creates a firm hold for nailing
- Eliminated high stress points

#### PROPERTIES

- Made with red polyethylene
- 2.5 x 2.5 in.
- 1,200 clips /case

Use PWD Clips to hold and attach ERS-PWD products to walls or footers

