

ERS-5 soil reinforcement geogrid is composed of high molecular weight, high tenacity multifilament polyester yarns that are woven into a stable network placed under tension. The high strength polyester yarns are coated with a PVC material. Earth Retention Geogrids are inert to biological degradation and are resistant to naturally encountered chemicals, alkalis, and acids. Earth Retention Geogrids are typically used for soil reinforcement applications such as retaining walls, steepened slopes, embankments, subgrade stabilization, embankments over soft soils, and waste containment applications.

TENSILE PROPERTIES	TEST METHOD	MARV VALUES (LBS/FT)
Ultimate Strength Machine Direction	ASTM D6637	5,400 lbs.
Creep Limited Strength Machine Direction	ASTM D5262	3,576 lbs.
T _{al} = Long Term Design Strength Machine Direction	NCMA 97	2,983 lbs.
Aperture Size (ins.)	Measured	0.80 x 1.00

RF Creep	1.51
RF Durability	1.10
RF Installation Damage (Soil Type 3)	1.09

Warranty: Earth Retention, LLC warrants our products to be free from defects in material workmanship when delivered to our customers and that our products meet our published specifications. If a product is found to be defective, and our customer gives notice to Earth Retention before installing the product, Earth Retention, will replace the product without charge to our customer or refund the purchase price at Earth Retentions' election. Replacing the product or obtaining a refund are the buyer's sole remedy for a breach and Earth Retention will not be liable for any consequential damage attributed to a defective product. This warranty is given in lieu of all other warranties, express or implied, including the implied warranty of merchantability or fitness for a particular purpose. There are no warranties, which extend beyond the description provided herein.



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Rev. 2021-11