



Rhyno Range

The Rhyno Range are a range of polypropylene woven geotextiles and will meet the following roll values when tested in accordance with the methods listed below. They are suitable for use in a wide range of civil engineering applications and are CE marked to comply with the latest European standards. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

Property	Test Method	Rhyno GW609	Rhyno GW8123	Rhyno GW8129	Rhyno GW8143	Rhyno GW8161	Rhyno GW8180	Rhyno GW8210	
Mechanical									
Tensile Strength	MD (kN/m)	EN ISO 10319	16	21	21	37	45	60	82
	CD (kN/m)	EN ISO 10319	11	13	21	33	45	60	86
Elongation	MD (%)	EN ISO 10319	20	26	13	22	20	14	14
	CD (%)	EN ISO 10319	19	21	12	19	20	8	8
Dynamic Perforation Resistance (Cone Drop) (mm)	EN ISO 13433	18	18	15	10	8	9	9	
Resistance to Static Puncture (CBR) (N)	EN ISO 12236	1500	2350	3000	4600	6000	6500	9500	
CE References	-	0338 - CPR - 0913	0338 - CPR - 5016	0799 - CPR - 37	0338 - CPR - 5017	0338 - CPR - 5026	1213 - CPR - 5944	1213 - CPR - 5944	
Hydraulic									
Opening Size O_{90} (μm)	EN ISO 12956	250	250	200	250	250	280	300	
Water Flow Rate ($\text{l}/(\text{m}^2\text{s})$)	EN ISO 11058	15	20	13	20	30	25	18	
Durability	<ul style="list-style-type: none"> To be covered within 14 days of installation To be durable for a minimum of 25 years in soil with pH >4<9 and temperature up to 25°C 								
Other									
Roll Sizes (m)	-	4.5 x 100 2.25 x 50 4.5 x 11.1	4.5 x 100	4.5 x 100	4.5 x 100	4.5 x 100	4.5 x 100	5.25 x 100	
Roll Diameter (mm)	-	160 145 Folded Pack	195	290	280	280 300	420	540	
Roll Weight (kg) Approx	-	40 9 5	50	64	90	108	130	197	

This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentation. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge becomes available. Since we cannot anticipate all variations in actual end use conditions, Geosynthetics Limited makes no warranties and assumes no liabilities in connection with this information. Nothing in this publication is to be considered as a licence to operate under or a recommendation to infringe any patent right.