

PARALINK for soil reinforcement

Product data table

Product designation	PARALINK S									
Product construction	Polyester filament core with Polyethylene sheath									
Product grade*	200S	300S	400S	500S	600S	700S	800S	900S	1000S	
Mechanical properties										
Nominal breaking load ⁽¹⁾	kNm ⁻¹	200	300	400	500	600	700	800	900	1000
Extension at NBL ⁽¹⁾	%	10	10	10	10	10	10	10	10	10
Product dimensions nominal										
Mass ⁽²⁾	gm ⁻² (± 5%)	683	954	1273	1540	1879	2146	2480	2820	3063
Thickness of elements	mm	2.0	2.5	3.0	4.0	4.5	4.8	4.8	4.8	4.8
Roll width	m	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Standard roll length	m (+1% -0%)	100	100	100	100	100	50	50	50	50
Standard roll diameter	m	0.54	0.60	0.70	0.76	0.84	0.63	0.63	0.64	0.64
Standard roll gross weight	kg (± 5%)	370	500	640	760	920	550	630	710	760
Warp element pitch	mm	180	180	180	180	180	180	150	125	125
Weft element pitch	mm	1000	1000	1000	1000	1000	1000	1000	1000	1000
Warp element width	mm	85	90	90	90	92	92	92	92	92

*Higher and or intermediate grades are available on request

Notes:

- 1 Nominal breaking loads per metre are based on tests performed on single warp elements determined using a modified version of ISO 10319:1996. The resulting loads are factored to produce values appropriate to a 1 metre wide sample.
- 2 Mass/unit area is measured in accordance with BS EN ISO 965:1995
- 3 For the selection of long term mechanical properties for use in design please refer to BBA Certificate No 97/3338

Linear Composites Limited
 Vale Mills
 Oakworth
 Keighley
 West Yorkshire BD22 0EB, UK

Tele: +44 (0)1535 643363
 Fax: +44 (0)1535 643605
 Email: mail@linearcomposites.com