

**PARARIB**

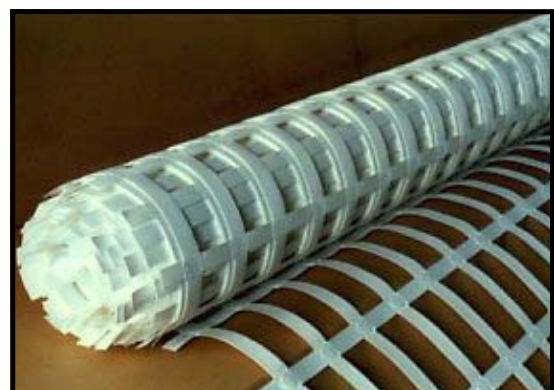
**FLAME RETARDANT, HIGH TENACITY POLYESTER GRID**

**PARARIB™** mining grids have been developed from PARAGRID™ geogrids and are made from specially developed PARAWEB™ which is based on strips of a planar structure consisting of high tenacity polyester filament yarns encased in a tough and durable flame retardant, white, polymeric sheath. PARARIB™ has been designed specifically for use in underground mining, where flame retardancy is a requisite. The white polymer used enhances light reflectance and visibility when used in areas of limited illumination. PARARIB™ is suitable for lining tunnel walls and for salvage applications.

<b>MECHANICAL PROPERTIES</b>							
<b>Product grade *</b>		<b>10/10</b>	<b>30/12</b>	<b>30/24</b>	<b>35/35</b>	<b>50/50</b>	<b>100/100</b>
Characteristic short term strength (1) - Length	kNm <sup>-1</sup>	10	30	30	35	50	100
Characteristic short term strength - Width	kNm <sup>-1</sup>	10	12	24	35	50	100
Extension at characteristic strength (1) - Length	%	12	12	12	12	12	12
<b>PRODUCT DIMENSIONS - NOMINAL</b>							
Mass (2)	gm <sup>-2</sup> (±5%)	300	350	460	550	564	820
Standard Roll Width	m	4,5	4,5	4,5	4,5	4,5	4,5
Standard roll length	m(+1% -0%)	55	55	55	55	55	55
Warp element pitch	mm	75	75	75	75	75	75
Weft element pitch	mm	150	150	75	75	75	75
Warp/Weft width	mm	24/24	24/24	24/24	24/24	24/24	24/24

**Notes:**

- (1) Short term tests on virgin material determined using a modified version of BSENISO 10319:1996
- (2) Mass/unit area is measured in accordance with BS EN ISO 965:1995
- (3) Flammability Performance (ISO 9705:1993) - Conforms to the criteria for fire performance for mining grids set out by Warrington Fire Research Centre UK
- (4) Roll widths < 4.5m and lengths < 55m available upon request



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