

**Product Technical Data Sheet**
***SSS PETGG SERIES***

**SSS PETGG SERIES** is Polyester (PET) Biaxial Geogrid. This high performance geogrids are constructed of high molecular weight and high tenacity knitted Polyester(PET) multifilament yarns with a proprietary coating to give better long term design strength in soil reinforcement applications. Our Geogrid is inert to biological and chemical degradation. Our Geogrid is compliant with IRC :SP: 59:2019 and IS 17371 specifications.

Properties	Unit	Standard	20B	30B	40B	50B	60B	70B	80B	100B	150B
Tensile strength	MD (kN/m)	ASTM D 6637/ EN ISO 10319/ IS 17371	20	30	40	50	60	70	80	100	150
	CD (kN/m)		20	30	40	50	60	70	80	100	150
Elongation @ nominal strength ( $\pm 2\%$ )	MD (%)		10%	10%	10%	10%	10%	10%	10%	11%	11%
	CD (%)		10%	10%	10%	10%	10%	10%	10%	11%	11%
Tensile Strength at 2% strain	MD / CD (kN/m)		3	5	6	8	9	11	12	15	23
Tensile Strength at 5% strain	MD / CD (kN/m)		5	8	10	13	15	18	20	25	38
Aperture size ( $\pm 5$ mm)	MD CD	-	21 25	21 25	21 21	21 21	21 21	21 21	21 21	26 26	26 26

This information is provided for reference purpose only and is not intended as Warranty or Guarantee.

The company has a procedure of constantly improving the products based on research and feedback. Therefore, we reserve the right to change the specifications contained herein without prior notice.

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