

# CONFORMITY OF PRODUCT

## TME GeoTech Slit Film Woven Geotextile



### Purpose of Usage

To provide reliable soil separation, prevent the mixing of high-quality aggregates with soft subgrades, and ensure cost-effective stabilization in road construction projects.

### Application Locations

Unpaved and paved roads, parking lots, residential streets, construction entrances, and embankments where soil separation is the primary requirement.

Item	Unit	TME-SFG120	TME-SFG160	TME-SFG200	TME-SFG240	TME-SFG280	TME-SFG340	TME-SFG400
Unit Weight	g/m <sup>2</sup>	120	160	200	240	280	340	400
Breaking Strength in MD	KN/m	20	30	40	50	60	80	100
Breaking Strength in CD	KN/m	15	22	28	35	42	56	70
Elongation Rate	%	25						
Trapezoidal Tearing Strength	KN	0.2	0.27	0.34	0.41	0.48	0.6	0.72
CBR Mullen Burst Strength	KN	1.6	2.4	3.2	4	4.8	6	7.5
Vertical Permeability	cm/s	10 <sup>-1</sup> ~10 <sup>-4</sup>						
Sieve Size O90(O95)	mm	0.07~0.50						
Variation	%	± 10						

### Product Features

Slit Film Woven Geotextiles are designed to offer high tensile strength and high modulus at a lower cost for civil engineering projects. Manufactured from flat polypropylene yarns woven into a tight, uniform structure, these geotextiles provide an effective barrier that prevents soil migration while maintaining the structural stability of the road base.