

## Geotextile Equivalent Chart

REFERENCE NUMBER	MANUFACTURERS						
	SYNTHETIC INDUSTRIES	LINQ	AMOCO	MIRAFI	ADS	CATHAGE MILLS	AEF
<b>WOVEN GEOTEXTILES</b>							
W1	180ST	200S	2002	500X	—	FX-50	—
W2	200ST	200	2002	500X	9530	FX-55	200W
W3	315ST	—	2006	600X	—	FX-66	300W
<b>MONOFILAMENT</b>							
M1	104F	400E	1199	700X	9760	6%	650W
M2	111F	400EO	1198	700XG	—	10%	—
<b>NONWOVEN GEOTEXTILES</b>							
NW1	351	125EX	4545	140NL	4000	FX-35HS	480
NW2	401	130EX	4546	140NC	4420	FX-40HS	—
NW3	451	140EX	4547	140N	5000	—	—
NW4	601	150EX	4551	160N	6500	FX-60HS	680
NW5	701	160EX	4552	—	7000/7700	FX-70HS	—
NW6	801	180EX	4553	180N	8800	FX-80HS	880
NW7	861	225EX	—	—	—	—	—
NW8	1001	250EX	4555	1100N	1020	FX-100HS	—
NW9	1201	275EX	4557	1120N	1220	FX-120HS	1280
NW10	1601	350EX	4561	1160N	1620	FX-160HS	—
NW11	1701	—	—	—	—	—	—

**NOTE:** The nearest equivalent is not always the equal to the competitive product and may not be approved as equal. This chart is intended as a guideline only. Please contact your local Team EJP sales office for more information.

## Applications

### Woven Geotextile

Woven Geotextile gives you the maximum strength for stabilization applications. The high tensile strength and modulus of woven geotextile provide separation of the aggregate from the subgrade and reinforcement of the foundation soil.

### Woven Monofilament

Woven monofilament geotextiles provide erosion control along highway and waterway embankments. Its use provides a cost-effective alternative to multilayered aggregate filters.

### Nonwoven Geotextile

Three functions of nonwoven geotextile are drainage, erosion control and geomembrane protection.

**1. Drainage** – Nonwoven needlepunched geotextile used in drainage structures provides a cost-effective way for

extending drain life and performance. Generally used in trench and French drains in roadways, buildings and other earth structures, this geotextile prevents soil fines from entering the drainage structure while allowing the passage of water from native soils. This benefit prevents drains from clogging, allows less critical aggregate to be used and speeds construction.

- 2. Erosion Control** - Nonwoven needlepunched geotextile provides proven erosion control in highway and waterway embankment applications and is an excellent cost-effective alternative to multilayered aggregate filters.
- 3. Geomembrane Protection** - Nonwoven needlepunched geotextile used in association with geomembrane liners provides liner protection, while allowing for transmission of gases or liquids. This can alleviate the potential buildup of gases, reduce unwanted hydrostatic pressure and facilitate leak detection.