

## WELDED WIRE MONOFILAMENT PROTECTORS



### **SPECIFICATIONS**

**Description:** Weld Wire monofilament protector shall consist of three (3) parts:

1. 36" wide geotextile fabric shall be WinFab 2098. Geotextile fabric is composed of monofilament polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position.
2. 6" x 6" welded wire mesh geotextile composite, shall be 30" tall, formed and secured into a 42" minimum diameter circle.
3. Fastening rings shall be constructed of wire conforming to ASTM A-641, A-809, A-370, and A-938.

### **Assembly**

Geotextile shall be wrapped a minimum of one inch over the top member of the 6" x 6" welded wire mesh and secured with fastening rings at six inches on center. Geotextile shall be secured to the sides of the welded wire mesh with fastening rings at a spacing of one per square foot. The fastening rings shall penetrate both layers of geotextile and securely close around a steel member. The bottom 2" +/- of fabric shall be left unsecured to allow for entrenchment.

### **Geotextile**

<b>Mechanical/ Physical Properties</b>	<b>Description/Minimum Average Roll Values</b>	<b>Test Method</b>
Structure	Woven Monofilament	
Polymer	Polypropylene	
U.V. Resistance (@ 500hrs)	80% Strength Retained	ASTM D4355
Permittivity	.05 Sec-1	ASTM D4491
Flow Rate	75 gpm/ft <sup>2</sup>	ASTM D4491
Grab Tensile Strength	350 / 250 lbs	ASTM D4632
AOS (U.S. Sieve)	40	ASTM D4751
Mullen Burst Strength	450 psi	ASTM D3786
Color	Black	

### **Welded Wire Mesh**

6" x 6" welded wire mesh shall be formed of 10ga. steel conforming to ASTM A-185.

### **Installation**

Install welded wire protector in a 6" deep trench overlapping the ends a minimum of 3". Use wire or zip ties to secure the overlap, then compact soil back into trench over the flap.