

# **210/48 (16z) 50mm mesh Guard Rail Netting**

## **1. Construction**

210/48 (16z) Nylon netting, twisted x 3 strands to make the finished twine that is approximately 1.8 mm in diameter.

The breaking force of the twine is 68kg to ISO1805.

The above twisted twine is then manufactured into netting 10.5md x 50mm mesh x 1000 meshes long.

The nets pass through acrylic mixture and heat setting machine to seal the knots.

## **2. Thermal Properties**

### **Softening Point**

Nylon softens at 235-240<sup>0</sup>c

### **Effect of High Temperature**

Melts at 260<sup>0</sup>c

### **Effect of Low Temperature**

Nylon retains its flexibility at very low temperature and does not become rigid under freezing conditions.

### **Flammability**

Burns with difficulty and will not maintain combustion, stick pt 235<sup>0</sup>c - 240 <sup>0</sup>c, melting pt 260 <sup>0</sup>c.

### **Characteristics**

Inherently UV resistant

Resistance to abrasion

Resistance to repeated impacts

Punchable and machineable

Resistance to organic solvents

Retention of stiffness, tensile properties and shape at high temperatures

Toughness at high and low temperature

Self extinguishing

Good creep resistance over some plastics

Good service at higher temperatures

Resistance to oils and gasoline's