

# WINCHMAX DYNEEMA RECOVERLINE

## SYNTHETIC ROPE—WMSYNDRSK75-2510



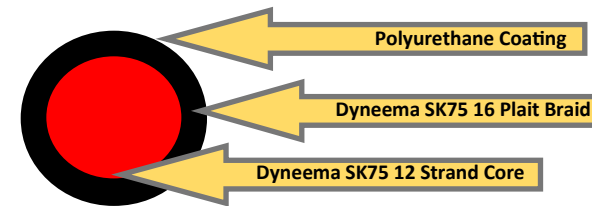
- Specifically designed for the use in the harshest working environment of the commercial and Military recovery sectors
- The Defender is manufactured from a 100% Dyneema SK75 core and a thin protective Dyneema cover thus maintaining optimum strength

### BENEFITS:

- Very light weight – 8x lighter than steel wire for a given strength
- High strength - 70% stronger than steel wire for a given diameter
- Low Stretch – see graph below
- Good resistance to chemicals and UV
- Zero water shrinkage
- Contrasting cover & core colours providing clear retirement point when core becomes exposed



### Cross Section



### Specifications

**Length—25m**  
**Rope Diameter—10mm**  
**Hook—Included**

<i>MATERIAL</i>	<i>Diameter</i>	<i>Colour</i>	<i>Mass</i>	<i>Average strength</i>	<i>Min strength</i>
SK75	mm 10	Black	g/m 57.5	kg 7,510	kg 6,980

## WMSYNDRSK75-2510



### Specifications Continued:

#### **CORE:**

##### -TWISTED FIBRE CONSTRUCTION:

Optimised pitch to yarn twist – improves strength & longevity

Firmer rounder rope, aids handling

##### -12 STRAND BRAIDED CONSTRUCTION:

Easy to splice

Flexible product and easily handled

Torque balanced

##### -HEAT SET AND PRE-STRETCHED:

Maximises strength/diameter ratio

Minimises elongation

#### **COVER:**

##### -16 plait braid:

Thin cover protects core while maintaining max strength

Firmer rounder rope, aids handling on winches

##### -Twisted fibre construction:

May be contrasting colour to core for easy inspection

Improves abrasion resistance

#### **COATING:**

##### -Armourcoat:

Specially formulated polyurethane coating.

Improves abrasion resistance and durability.

Increases friction, aids handling & splicing.

Provides colour coding (Black as standard, other colour options available on request)

#### **PHYSICAL PROPERTIES:**

-RELATIVE DENSITY: 0.97 (floats)

-CHEMICAL RESISTANCE: Excellent resistance to most chemicals (additional information available)

-UV RESISTANCE: Very good

-MELTING POINT: 140oC

-CRITICAL TEMPERATURE: 80oC