

# Marlow®

## DATASHEET

### D2 RACING 78 & D2 GRAND PRIX 78

D2 Grand Prix 78 has a Dyneema core and Technora/Polyester blended cover which offers the sailor a high strength, light weight, abrasion resistant, grippy and heat resistant rope.

D2 Racing has a polyester cover with Dyneema core and is the ideal option across all applications on board.



#### APPLICATIONS

Halyards, Sheets, Guys, Reefing Lines, Runner-Tails, Control Lines, Out/Downhauls, Vang, Furlers

#### MATERIAL

##### CORE:

Manufactured from Dyneema SK78  
HMPE (High-Modulus Polyethylene)  
Very light weight - more than 8x lighter than steel wire for a given strength  
High strength - 80% stronger than steel wire for a given weight  
Low Stretch - see graph below  
Good resistance to chemicals and UV  
Zero water shrinkage  
Very low creep HMPE fibre  
Exhibits approximately 20% of the creep experienced by SK75.  
Further information available.

##### D2 RACING 78 COVER:

Manufactured from Polyester  
Good abrasion resistance  
Excellent UV resistance

##### D2 GRAND PRIX 78 COVER:

Manufactured from Technora/Polyester blend  
Good UV resistance  
Excellent abrasion and heat resistance

#### CONSTRUCTION

##### TWISTED FIBRE CONSTRUCTION:

##### 12 STRAND BRAIDED CONSTRUCTION:

Improved abrasion resistance  
Optimised pitch to yarn twist - improves strength and longevity  
Firmer rounder rope, aids handling  
Easy to splice  
Flexible product and easily handled  
Torque balanced

##### 24 PLAIT BRAIDED COVER CONSTRUCTION:

Protects load bearing core from dirt and abrasion  
Round and firm construction