



14" Nytlite Fitting w/60T Shackle, FT2180



14" CIR X 2400' Dbl Brd Polyester Line LN2143

**14-Inch Tow Hawser System TS0401**

The Tow Hawser System TS0401 consists of a double braided polyester line that is 14 inches in circumference, 2400 feet in length, and two Nylite fittings with shackles. The line is constructed with strength members contained within a braided jacket. It is abrasion-resistant and has very little stretch. The line can be used for towing a raft, barge, or other vessel. Each line is constructed with a 3-foot soft eye splice at each end that can be used with a Nylite fitting and shackle. Optionally, the line can be requested in non-standard lengths and with other end fittings as determined by the specific towing application.

## System Components for TS0401

Alternates

ESSM No	Nomenclature	Type	Qty	NS	Cont
<b>FT2180</b>	NYLITE FITTING, 14", W/60T SHACKLE	BL	2		
<b>LN2143</b>	LINE, POLYESTER, DBL BRD, 14" CIR X 2400', 3' SEEE	BL	1		

Baseline verified on 1/7/2015, \* Not shown in catalog.

**ESSM - FT2180  
NYLITE FITTING, 14", W/60T SHACKLE**



14" Nylite Fitting w/60T Shackle, FT2180

Nylite Fittings are placed in a tow hawser's soft eye and used for attachment of the tow hawser to the towed vessel. The fitting has a composite material sheave that is placed over the towing shackle's pin to increase its effective diameter. This reduces stress to the tow hawser eye. A protective cover is installed over the sheave to limit abrasion and other damage to the end of the hawser at the eye splice.

Specifications		
Type	Description	Qty
Manufacturer	Commercial	
Sheave Circumference	15"	
Hawser circumference	14"	
Overall construction	Nylite/nylon composite	
Shackle type	Bolt-type safety	
Working Load Limit (WLL)	60 tons	

Physical Characteristics			
Type .....	Descriptions .....		
	Shipping	Operating	
Length	2 ft, 3 in	2 ft, 3 in	
Width	1 ft, 6 in	1 ft, 6 in	
Height	2 ft, 2 in	2 ft, 2 in	

**Physical Characteristics**

Type .....	Descriptions .....		
Cube	8 cu ft	8 cu ft	
Footprint	4 sq ft	4 sq ft	
Weight	195 lb	195 lbs	

**References**

Ref No	Reference
1	None

**ESSM - LN2143**  
**LINE, POLYESTER, DBL BRD, 14" CIR X 2400', 3' SEEE**



14" Cir X 2400' Dbl Brd Polyester Line LN2143

LN2143 is a double braided polyester line that is 14 inches in circumference and has a standard length of 2400 feet. The line is constructed with strength members contained within a braided jacket. It is abrasion-resistant and has very little stretch. The line can be used for towing a raft, barge, or other vessel. Each line is constructed with a 3-foot soft eye splice at each end that can be used with a Nylite fitting and shackle. Optionally, the line can be requested in non-standard lengths and with other end fittings as determined by the specific towing application.

Specifications		
Type	Description	Qty
Manufacturer	Commercial	
Model/Trademark		
Material	Polyester	
Construction	Double Braid	
Diameter	4-5/8"	
Circumference	14"	
Length	2,400 ft	
End Fittings	Soft eye each end	
Wt per 100 Ft	682 lb	
Breaking Strength	510,300 lb (reference 1)	

**TOW HAWSER SYSTEM, 14-INCH**

**System - TS0401**

**Specifications**

Type	Description	Qty
Working Load Limit (WLL)	102,060 lb	

**Physical Characteristics**

Type .....	Descriptions .....		
	Shipping		
Length	12 ft, 7 in		
Width	7 ft, 2 in		
Height	6 ft, 11 in		
Cube	624 cu ft		
Footprint	91 sq ft		
Weight	19,565 lb		

**References**

Ref No	Reference
1	Atlantic Cordage Corp., Cordage Certificate of Compliance