

S0300-BV-CAT-010

TOW HAWSER SYSTEM, 10-INCH

System - TS0400



10" Nytlite Fitting w/35T Shackle, FT2171



10" CIR X 2400' Dbl Brd Polyester Line LN2141

10-Inch Tow Haws System TS0400

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TOW HAWSER SYSTEM, 10-INCH

System - TS0400

The Tow Hawser System TS0400 consists of a double braided polyester line that is 10 inches in circumference, 2400 feet in length, and one Nylite fitting with shackle. 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 TS0400

Alternates

ESSM No	Nomenclature	Type	Qty	NS	Cont
FT2171	NYLITE FITTING, 10", W/35T SHACKLE	BL	1		
LN2141	LINE, POLYESTER, DBL BRD, 10" CIR X 2400', 3' SEEE	BL	1		

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

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ESSM - FT2171 NYLITE FITTING, 10", W/35T SHACKLE



10" Nylite Fitting w/35T Shackle, FT2171

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	9"	
Hawser circumference	10"	
Overall construction	Nylite/nylon composite	
Shackle type	Bolt-type safety	
Working Load Limit (WLL)	35 tons	

Physical Characteristics			
Type	Descriptions		
	Shipping	Operating	
Length	1 ft, 3 in	1 ft, 3 in	
Width	1 ft, 0 in	1 ft, 0 in	
Height	1 ft, 6 in	1 ft, 6 in	

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Physical Characteristics

Type	Descriptions		
Cube	2 cu ft	2 cu ft	
Footprint	2 sq ft	2 sq ft	
Weight	65 lb	65 lbs	

References

Ref No	Reference
1	None

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ESSM - LN2141 LINE, POLYESTER, DBL BRD, 10" CIR X 2400', 3' SEEE



10" Cir X 2400' Dbl Brd Polyester Line LN2141

LN2141 is a double braided polyester line that is 10 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	Polyester double braid	
Material	Polyester	
Construction	Double Braid	
Diameter	3-1/4"	
Circumference	10"	
Length	2,400 ft	
End Fittings	Soft eye each end	
Wt per 100 Ft	419 lb	
Breaking Strength	336,740 lb (reference 1)	

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Specifications

Type	Description	Qty
Working Load Limit (WLL)	56,123 lb	

Physical Characteristics

Type	Descriptions		
	Shipping		
Length	10 ft, 4 in		
Width	5 ft, 5 in		
Height	6 ft, 10 in		
Cube	383 cu ft		
Footprint	56 sq ft		
Weight	10,775 lb		

References

Ref No	Reference
1	Samson Ocean Systems, Inc Certificate of Compliance