



AUSTIN POWDER

A TRADITION OF SAFETY, STRENGTH AND SERVICE.

Shock★Star™ Signal Transmission Lines

Shock Tube Products for Non-Electric Lead-in from Blaster's Initiation Point to Blast Site

DESCRIPTION

Shock★Star Signal Transmission Line products include Lead-In-Line, Quick★Start and STD (shock tube with detonator).

Shock★Star Lead-In-Line is used to allow a completely non-electric blasting system from the Blaster's point of initiation all the way through the blast. Lead-In-Line is available as 200, 500, 1000 or 2,500 ft spools to permit a single splice free signal line between the Blaster and the blast pattern. Polyethylene splicers are included with each case of Lead-In-Line.

Shock★Star Quick★Start is equipped with a Quick Relay Connector detonator for convenient splice-free starting at the first hole in a shocktube blast pattern.

Shock★Star STD's are used for starting detonating cord trunklines. Quick★Start and STD's are available in 200, 500, 1000 and 2,500 ft lengths.

BENEFITS

- Constructed from Austin's three layered shock tube with a white colored jacket for good visibility and differentiation from delay detonator assemblies.
- Initiates consistently and silently at 6,200 ft/s (1,900 m/s)
- Packaged on sturdy spools for durability during shipping and multiple uses.



Lead In Line




STD



Quick★Start

Shock★Star Signal Transmission Lines

PACKAGING

→Q		Quick★Start (200 mg)	★	STD - (450 mg)
Length		Coil Style	Quantity	NEQ Grams
(ft)	(m)			
200	61.0	Spool	8	14
500	152.5	Spool	4	13
1000	305.0	Spool	2	12
2500	762.5	Spool	2	28
 Lead - In - Line - LIL				
Length		Coil Style	Quantity	NEQ Grams
(ft)	(m)			
200	61.0	Spool	8	4
500	152.5	Spool	4	11
1000	305.0	Spool	2	11
2500	762.5	Spool	2	27



For more information and service locations in your area, please contact Austin Powder Company's headquarters:

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STORAGE

Store in accordance with all applicable local, state, provincial and federal laws.

SHELF LIFE

For optimum accuracy, use within five years from date of manufacture under good storage conditions.

UN CLASSIFICATION

Shipping Name:

Articles, Explosive, n.o.s. (Lead-In-Line)
Detonator Assemblies, Non-Electric (STD and Quick★Start)

Class & Division:

1.4S (Lead-in-Line)
1.4B (STD and Quick★Start)

ID Number:

UN 0349 (Lead-In-Line)
UN 0361 (STD and Quick★Start)

DOT REFERENCE NUMBER

EX-2004040259 (200-1000 ft spool Lead-In-Line)
EX-9404156 (2,500 ft. spool Lead-In-Line)
EX-2004040260 (STD Inner Package)
EX-2007010600 (Quick★Start Inner Package)

All Shock★Star non-electric detonators are manufactured by Austin Star Detonator Co., Brownsville, TX.

Disclaimer of Warranties and Limitations of Liabilities

"Products described in this bulletin are sold by Austin Powder Company without warranty; express, implied or statutory or as to MERCHANTABILITY, except as expressly stated in Austin Powder's straight bill of lading. Under no circumstances shall seller be liable for loss of anticipated profits, consequential damages or incidental damages."