

ShockStar Surface

PRODUCT INFORMATION BROCHURE

SHOCKSTAR SURFACE connectors are especially designed for the initiation of other shock tube detonators and to introduce a delay between holes.

The connector block is designed to ensure reliable connections in two positions: unlocked position for normal working conditions and locked position for most demanding working conditions with a risk of disconnection (e.g. under heavy mats).

SHOCKSTAR SURFACE connectors are equipped with connector blocks able to contain 8 outgoing shock tubes. The connectors have a lowered base charge to reduce noise levels and eliminate shrapnel cut-off concerns.

SHOCKSTAR SURFACE detonator can also be used for blast initiation. It is produced in lengths of 400, 600 and 800 m and is supplied on spools. SHOCKSTAR SURFACE connectors must not be used for initiation of detonating cord.



BENEFITS

- Easy shock tube connection, locking mechanism to ensure locking of the tubes in the block if needed. Capacity of 8 shock tubes.
- Colour coding according to the delay time of the detonator.
- Excellent delay time accuracy ensures greater than 99% probability of in-sequence initiation.
- Manufactured with red shock tubing for easy differentiation from in-hole detonators when inspecting the connected blast pattern.
- Protected primary explosive charge.

PROPERTIES

Range of delays consists of 9 delay periods.



0 ms 9 ms 17 ms 25 ms 33 ms 42 ms 67 ms 100 ms 200 ms



AUSTIN POWDER
INTERNATIONAL

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STANDARD TECHNICAL DESCRIPTION

DETONATOR	
Detonator shell material	Aluminium
Base charge	110 mg
Water pressure resistance	0.3 MPa / 7 days
Temperature range for application	from -30 °C to +60 °C
Shelf life (storage conditions)	2 years (-30 °C to +40 °C, R.H. max. 65%) in original, sealed package
Label marking	Delay #, Detonator type, Delay ms, ST length, Data matrix code (traceability)
Notified body	CE 0589
SHOCK TUBE	
Velocity of detonation	2,000 ± 100 m/s
Colour	Red

STANDARD PACKAGING DETAILS

Shock tube length (m)	Packaging 1.4S UN 0500		
	Units / Bag	No. of Bags	Units / Box
3.6	10	10	100
4.8	10	8	80
6.0	10	8	80
9	10	6	60
12	5	9	45
15	5	7	35
21	5	6	30
30	5	5	25

SHOCKSTAR SURFACE detonators are packaged in cardboard carton of outer dimension 385x235x282 mm.

Other lengths are possible on demand.

Contact your local Austin Powder International representative for further information.

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