



**MACHINERY AND PYROTECHNICAL PRODUCTS SINCE 1946**



**STIS**

**SHOCK TUBE**

**INTEGRATED SYSTEM (DUAL)**

# STIS

 is a non-electric system designed to initiate different type of explosive charges.

The STIS Dual Quick and Reel is a preassembled, ready-to-use kit consisting of two detonators, a dual shock tube, and two pull-type starters. The dual shock tube, featuring an outer coating, has an overall diameter of  $6,5 \times 3,5 \pm 0,5$  mm.

## STIS Dual products

Length	Type	Product code
15 m	Quick	15Q-2,4DB-10
30 m	Quick	30Q-2,4DB-10
50 m	Reel	50R-2,4DB-10
100 m	Reel	100R-2,4DB-10
300 m	Reel	300R-2,4DB-10

## Shock tube

Diameter	2 x 2,4 mm
Coating	Thermoplastic polymer
Colour	Black
Tensile strength (20 °C)	> 150 N
Core load	HMX / Aluminium max 15 mg/m
Velocity of detonation	1 900 m/s
Structure	Three layers

## Detonator (2 pcs / product)

Type	Non-electric
Shell material	Aluminium
Base Charge	Charge > 700 mg (PETN)
Primer Charge	Lead diazide
Strength	No.8
Delay	None
Diameter	7,5 mm
Length	61 mm (Nominal)
Seal	Rubber
Marking	None

## Starter (2 pcs / product)

Type	Raikka VS2010
Safety devices	Two Independent actions needed
Primer NEQ	25 mg



## TECHNICAL INFORMATION

	15 m (Quick)	30 m (Quick)	50 m (Reel)	100 m (Reel)	300 m (Reel)
Shock tube	2 x 2,4 mm	2 x 2,4 mm	2 x 2,4 mm	2 x 2,4 mm	2 x 2,4 mm
Length of the shock tube	15 m +	30 m +	50 m +	100 m +	300 m +
Outer package	Plywood 710 x 460 x 450	Plywood 710 x 460 x 450	Plywood 710 x 460 x 450	Plywood 710 x 460 x 450	Plywood 580 x 578 x 391
Inner package	Aluminum foil bag MIL-PRF-131K	Aluminum foil bag MIL-PRF-131K	Aluminum foil bag MIL-PRF-131K	Aluminum foil bag MIL-PRF-131K	-
Articles in the outer package	20 pcs in a box	12 pcs in a box	24 pcs in a box	12 pcs in a box	4 pcs in a box
Suggested operational temperature	-10 °C ...+50 °C	-10 °C ...+50 °C	-10 °C ...+50 °C	-10 °C ...+50 °C	-10 °C ...+50 °C
Hazard classification	1.4S	1.4S	1.1B	1.1B	1.1B
UN number	UN 0500	UN 0500	UN 0360	UN 0360	UN 0360
NSN number	1375580018180	1375580015731	1375580018225	1375580017690	1375580017684
Quality	ISO9001, AQAP2110	ISO9001, AQAP2110	ISO9001, AQAP2110	ISO9001, AQAP2110	ISO9001, AQAP2110



**Raikka Oy** designs and produces explosive and pyrotechnic products with Nordic expertise, tailored to meet customers' requirements.

Our primary customers include governmental organizations, such as the armed forces and homeland security authorities, as well as other European defense industries. Founded in 1946 to support national defense and reconstruction, Raikka Oy has continuously expanded its expertise in explosives.

CERTIFIED  
**AQAP 2110**



CERTIFIED  
**ISO 9001**  
**ISO 14001**



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