



MACHINERY AND PYROTECHNICAL PRODUCTS SINCE 1946



**STIS**

**SHOCK TUBE  
INTEGRATED SYSTEM (QUICK)**



**STIS** is a non-electric system, designed to initiate different types of explosive charges.

**STIS with a 3 mm shock tube** is the optimal solution when mechanical strength is needed.

Length	Product code
10 m	10Q-3G-10
15 m	15Q-3G-10
30 m	30Q-3G-10

**STIS with 2,4 mm shock tube** is the optimal solution when compactness is needed.

Length	Product code
15 m	15Q-2,4G-10
30 m	30Q-2,4G-10
50 m	50Q-2,4G-10
100 m	100Q-2,4G-10

The STIS Quick is a preassembled, ready-to-use kit consisting of a detonator, a shock tube, and a pull-type starter. It is encased in a shell for convenient access and rapid deployment.

Depending on the length, STIS Quick kits are available with two shock tube diameters: 2,4 mm and 3,0 mm.

#### Shock tube

Diameter	2,4 mm	3,0 mm
Colour	Olive drab	Olive drab
Tensile strength (20 °C)	>150 N	>150 N
Core load HMX / Aluminium max	15 mg/m	20 mg/m
Velocity of detonation	1 900 m/s	2 000 m/s
Structure	Three layers	Three layers

#### Detonator

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

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



## TECHNICAL INFORMATION

	15 m	30 m	50 m	100 m
Shock tube	2,4 mm / 3,0 mm	2,4 mm / 3,0 mm	2,4 mm	2,4 mm
Length of the shock tube	15 m +	30 m +	50 m +	100 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 450 210 x 210 x 260
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	96 pcs in a box	96 pcs in a box	96 / 48* pcs in a box	Max. 48 pcs / 4 pcs
Suggested operational temperature	-40 °C ...+50 °C	-40 °C ...+50 °C	-40 °C ...+50 °C	-40 °C ...+50 °C
Hazard classification	1.4S	1.4S	1.4S	1.4S
UN number	UN 0500	UN 0500	UN 0500	UN 0500
NSN number	1375580013039** 1375580015730***	1375580013040** 1375580019306***	1375580014189	1375580017641
Quality	ISO9001, AQAP2110	ISO9001, AQAP2110	ISO9001, AQAP2110	ISO9001, AQAP2110

\*Air freight imposes restrictions on the weight of individual packages, thereby limiting the number of products per container to 48 units.

\*\* For 2,4 mm green shock tube

\*\*\* For 3,0 mm green shock tube



**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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