

Teknikum CHARGE-TEK®



APPLICATIONS

Teknikum CHARGE-TEK® charging and blasting hoses are designed together with mining and quarrying professionals to meet the high requirements of safety, functionality and usability in blasting operations.

These hoses are utilized for feeding and dosing explosion emulsion into solid rock drillings. As such, the hose is resistant to all common blasting agents and substances, which are used in mining, civil engineering, excavation and construction industries. These materials may contain e.g. lubricants as well as mineral oil-based products.

As required, the hose is electrically conductive due safety reasons and risks relating to electrical discharges.

ADVANTAGES

- Safe and durable hose
- Excellent weather and ageing resistance
- High mechanical strength
- Flexible and easy handling
- Hose can be cut on-site

TECHNICAL PROPERTIES

Previous versions

CHARGE-TEK®

(same reference and structure)

Structure

- Tube:
 - black ETER
 - smooth
 - fuel and oil resistant
 - antistatic
- Reinforcement: synthetic textile, steel spiral acc. to below table
- Cover:
 - black ETER
 - fuel and oil resistant
 - antistatic
- Safety factor: 4 (Burst pressure = 4,0 x Working pressure)

Temperature range

-40°C... +100°C

Electrical properties

The resistance of the hose is $< 10^6 \Omega$ per length.

MANUFACTURER

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More information

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ORDER REFERENCE

Product code	Ø i.d. mm	Ø o.d. mm	Steel spiral incl.	Working press. MPa	Vacuum max. MPa	Bending radius mm	Weight kg/m	Length max. m
CHARGE025-035	25	35	-	1,2	-	125	0,80	40
CHARGE025-037	25	37	+	1,2	0,09	110	0,90	40
CHARGE032-045	32	45	-	1,2	-	190	1,10	40
CHARGE032-047	32	47	+	1,2	0,09	170	1,20	40
CHARGE050-064	50	64	-	1,2	-	260	1,70	40
CHARGE050-066	50	66	+	1,2	0,09	240	1,90	40
CHARGE076-094	76	94	-	1,2	-	350	3,10	40
CHARGE076-098	76	98	+	1,2	0,09	320	3,40	40

Other dimensions available on request.

MARKINGS

