

ACE™ Advanced Cutting Explosive



ACE™ is a Low Hazard Flexible Linear Shaped Charge (LH FLSC) used for breaching, EOD, and demolition.

KEY FEATURES:

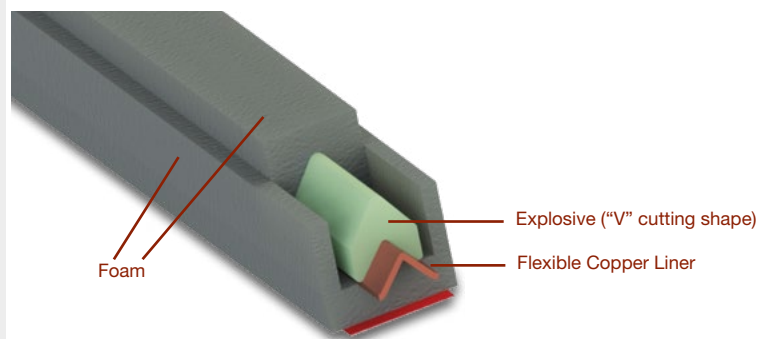
- Explosive cutting shape
- Built-in foam stand-off
- Adhesive back
- In use with US and foreign militaries
- Flexible
- Low fragmentation
- Designed for lower NEW
- Manufactured and Qualified to MIL-PRF-46676 & OES-DTL-0006 standards
- Easy attachment for minimized time on target

APPLICATION:

- Door and wall breaching
- Demolition
- EOD
- Steel cutting (including I-Beams)
- Chain and cable cutting
- Wood cutting

PROPERTIES:

- Explosive composition minimizes accidental detonation by friction, impact, static, and heat
- Built-in stand-off
- Suitable for underwater use
- No harmful fragmentation
- Lead free
- Easy to cut with a sharp knife
- 20' (6 m) length charges
- Compliant with Montreal Protocol
- Steel severance range from 0.20" (5 mm) to over 1.35" (34.3 mm)



MSDS No:
MSDSD10972/1

EX-9306012
Charges, Shaped, Flexible, Linear, UN0288
1.1D

ACE™ - ADVANCED CUTTING EXPLOSIVE

CORD LOAD (NOMINAL)		CHARGE DIMENSIONS W X H		STEEL PLATE PENETRATION				STEEL PLATE SEVERANCE	
GRAIN/FT	GRAM/M	IN	MM	MINIMUM (IN)	MINIMUM (MM)	NOMINAL (IN)	NOMINAL (MM)	NOMINAL (IN)	NOMINAL (MM)
300	63	0.78 x 0.68	19.8 x 17.2	0.13	3.2	0.16	4.1	0.20	5.1
450	100	0.90 x 0.82	22.8 x 20.8	0.18	4.6	0.22	5.6	0.28	7.1
600	125	1.01 x 0.96	26.6 x 24.3	0.23	5.7	0.27	6.9	0.36	9.1
1200	250	1.20 x 1.34	30.4 x 34	0.34	8.6	0.44	11.2	0.50	13.7
2400	500	1.67 x 1.69	42.4 x 42.9	0.53	13.5	0.67	17.0	0.81	20.6
3600	765	1.89 x 1.97	48 x 50	0.71	18.0	0.90	22.9	1.10	27.9
5400	1150	2.16 x 2.35	54.8 x 59.6	0.94	23.7	1.11	28.2	1.35	34.3

Standard charge length (nominal) is 20' (6.1 m)

PACKAGING OPTIONS:

Two shipping options are available:
Commercial Pack - fiberboard box or drum
Military Pack - metal ammunition drum



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