

# NEW E·A·R® ARC PLUG™

THE ONLY ARC PROTECTION EARPLUGS WITH  
PATENTED HEAR-THROUGH™ DESIGN



Insert Yellow End  
for Hear-Through  
and Instant Protection.



Washable and Reusable.

Insert Red End  
for Protection Against  
Constant Hazardous Noise.

## THE POWER TO HEAR.

**CLEAR HEARING WITH INSTANT PROTECTION** — E·A·R ARC Plug earplugs allow workers to hear conversation, signals and other critical sounds clearly – without impairment. If an arc flash occurs, the calibrated noise filter activates immediately to suppress the noise to a safer level – without dangerous delay – reducing the chance of hearing damage and concussive disorientation.

Plus, with double-end versatility, workers just have to insert the plug's red end for protection against extended exposures to continuous hazardous noises.

Specify the new ARC Plug from E·A·R. The best of both worlds.

**VISIT [WWW.EARARCPLUG.COM](http://WWW.EARARCPLUG.COM) FOR MORE INFORMATION.**



LEADING THE ADVANCEMENT  
OF HEARING PROTECTION™

**HELPS MEET NFPA 70E REGULATION**

# NEW E·A·R® ARC PLUG™

INSTANT PROTECTION WHEN IT'S NEEDED.  
CLEAR HEARING WHEN IT'S NOT.



Flexible Flanges for Comfortable Seal

Washable and Reusable

No Battery or Moving Parts

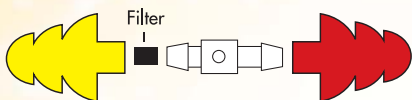
Insert Yellow End for Protection with Hear-Through

Insert Red End for Constant Noise Protection

## HEAR-THROUGH™

HOW TO MEET THE REGS - NOT RESISTANCE.

The new E-A-R ARC Plug will help you meet new regulations, without meeting worker resistance. The reason? Unlike typical earplugs, the ARC Plug is uniquely designed to allow wearers to hear clearly under normal noise conditions. Workers won't feel isolated, or miss important conversations or signals because of "muffled" hearing.



ARC Plug features a nonlinear acoustical design with a calibrated filter within the plug stem.

## INSTANT ARC PROTECTION - NO TIME DELAY

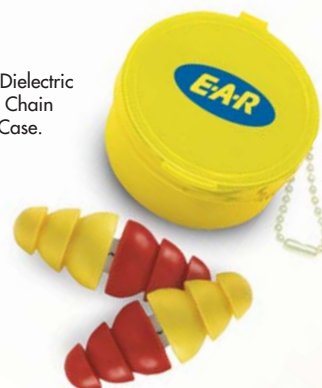
In the case of an arc blast, the impulse noise will cause the plug's noise filter to react instantly (some protectors can have a dangerous time delay) and the noise will be suppressed to a safer level. The chance of permanent hearing damage or concussive disorientation is greatly reduced or eliminated. Once the impulse noise subsides, the ARC Plug reverts back to hear-through clarity.

## CONSTANT PROTECTION FOR CONSTANT NOISE

The red end of the ARC Plug provides steady protection with an NRR of 22 dB. This is the ideal wearing position when exposed to constant high-level sound sources (85 dB and above).

2004 REVISED NFPA 70E REGULATIONS REQUIRE ANYONE WORKING WITH APPLICATIONS HAZARD/RISK CATEGORY 2 OR ABOVE TO WEAR HEARING PROTECTION.\*

Includes Dielectric Plastic Chain and Case.



EVALUATED AND SPECIFIED BY THE U.S. ARMED FORCES

### OCTAVE BAND ATTENUATION DATA (dB)

PRODUCT CODE	ORDERING INFORMATION	DEVICE	NRR	CSA Class	Freq (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
370-2000	10 pair per box, each pair individually packaged on blister cards	Yellow end (level dependent)	0	None	Mean	4.7	4.2	6.0	9.5	16.7	18.6	16.3	16.7	17.2
					Std. Dev.	4.0	4.3	5.0	6.7	4.9	5.7	5.8	6.1	6.8
		Red end (steady state)	22	AL	Mean	32.7	31.8	33.0	32.0	34.5	37.3	38.9	43.8	43.3
					Std. Dev.	5.9	6.1	6.5	5.5	4.1	5.3	6.1	6.7	6.9



Testing to ANSI S3.19-1974 in E-A-RCAL™ Acoustical Laboratory accredited by NVLAP.  
\*For more information on NFPA 70E Regulation visit [www.nfpa.org](http://www.nfpa.org)



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