

**PIP**

**BioSoft™**

SUSTAINABLE BIO-BASED TECHNOLOGY

# BIOSOFT™ EAR PLUGS

THE WORLD'S FIRST SUSTAINABLE  
BIO-BASED EAR PLUGS

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**ECO**  
Series™

# THE WORLD'S FIRST SUSTAINABLE BIO-BASED EAR PLUGS

PIP® understands the importance of reducing waste to lower costs and minimize environmental impact. Our new, sustainable ECOSeries™ BioSoft™ ear plugs are the first to be made from bio-based technologies.

**BioSoft™**  
SUSTAINABLE BIO-BASED TECHNOLOGY

The BioSoft™ ear plug foam material provides the same fit and performance as conventional polyurethane or PVC materials, but with a lower carbon footprint. This innovative technology not only reduces emissions during manufacturing, but it contains bio-based materials making BioSoft™ more environmentally friendly at end of use.

## BEGINNING OF LIFE

> Ear plugs made from 82% bio-based materials



## END OF LIFE

> **BioSoft™ ear plugs will decompose 76% in 180 days\***. Traditional PU or PVC ear plugs will remain unchanged.

	BioSoft™	PU OR PVC
DAY 1		
DAY 180		

\* When tested in accordance with EN 13432 - in an aerobic environment (air/oxygen present)

# EXCEPTIONAL PERFORMANCE AND COMFORT

MEGA

## BULLET™ BIOSOFT™



### Tapered shape for easy installation

- Soft, smooth, low pressure for excellent comfort
- Bio-based materials made in North America
- BioSoft™ BSF-1 and BSF-1B contain 82% USDA® certified bio-based content
- Metal detectable (blue) recommended for use in the food industry
- Independently tested NRR 32 / SNR 38

#### ATTENUATION CHART (ANSI S3. 19-1974, Canada Class A(L))

FREQUENCY	125	250	500	1000	2000	3150	4000	6300	8000
MEAN ATTENUATION (dB)	40.3	39.8	41.9	40.6	39.7	45.1	46.6	47.8	47.2
STANDARD DEVIATION (dB)	5.5	5.4	5.8	3.8	2.6	4.1	3.7	3.5	4.5

	BSF-1	BSF-1B	BSF-30	BSF-D
USE	Single	Single	Single	Single
CORDING	Uncorded	Uncorded	Corded	Corded
MATERIAL	BioSoft™ Foam	BioSoft™ Foam	BioSoft™ Foam	BioSoft™ Foam
SIZE	Standard	Standard	Standard	Standard
SHAPE	Bullet	Bullet	Bullet	Bullet
COLOR	Green/White	Green/White	Green/White	Blue
DETECTABLE	No	No	No	Yes
PAIR PER BOX	200	500	100	100

## PINCH FIT™ BIOSOFT™



### Unique stem enables easy insertion

- Revolutionary design requires no rolling and provides an easier, more hygienic fit
- Bio-based materials made in North America
- BioSoft™ PF-1 contains 82% USDA® certified bio-based content
- Soft, smooth, low pressure for excellent comfort
- Metal detectable (blue) recommended for use in the food industry
- Independently tested NRR 32 / SNR 38

#### ATTENUATION CHART (ANSI S3. 19-1974, Canada Class A(L))

FREQUENCY	125	250	500	1000	2000	3150	4000	6300	8000
MEAN ATTENUATION (dB)	39.3	37.8	42.9	40.6	39.1	44.4	46	47.8	46.2
STANDARD DEVIATION (dB)	5.5	5.4	5.8	3.8	2.6	4.1	3.7	3.5	4.5

	PF-1	PF-30	PF-D
USE	Single	Single	Single
CORDING	Uncorded	Corded	Corded
MATERIAL	BioSoft™ Foam	BioSoft™ Foam	BioSoft™ Foam
SIZE	Standard	Standard	Standard
SHAPE	Push-In	Push-In	Push-In
COLOR	Yellow/Orange	Yellow/Orange	Blue
DETECTABLE	No	No	Yes
PAIR PER BOX	100	100	100



**PROTECTIVE INDUSTRIAL PRODUCTS, INC.**

518-861-0133 | 800-262-5755

sales@pipusa.com | www.pipusa.com

