



PIP

BioSoft™

SUSTAINABLE BIO-BASED TECHNOLOGY

BIOSOFT™ EAR PLUGS

THE WORLD'S FIRST SUSTAINABLE
BIO-BASED EAR PLUGS



YOUR PARTNER
FOR PROGRESS


ECO
Series™

THE WORLD'S FIRST SUSTAINABLE BIO-BASED EAR PLUGS

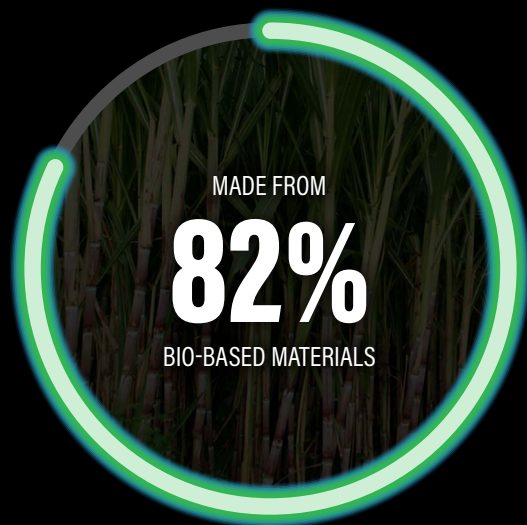
PIP® understands the importance of reducing waste to lower costs and minimize environmental impact. Our new, sustainable ECOseries™ BioSoft™ ear plugs are the first to be made from bio-based technologies.

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

> 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™



32
NRR

Tapered shape for easy installation

- Soft, smooth, low pressure for excellent comfort
- Bio-based materials made in North America
- All parts — the ear plug, the cord (BSF-30 only), the stem, even the bag — are bio-based
- 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™



32
NRR

Unique stem enables easy insertion

- Revolutionary design requires no rolling and provides an easier, more hygienic fit
- Bio-based materials made in North America
- All parts — the ear plug, the cord (PF-30 only), the stem, even the bag — are bio-based
- 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 |



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