BIOSOFT
EAR PLUGS





BioSoft™

SUSTAINABLE BIO-BASED TECHNOLOGY

BIOSOFT™ EAR PLUGS

THE WORLD'S FIRST SUSTAINABLE BIO-BASED EAR PLUGS

www.prtoolsupplies.co.uk



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 Green Heart® 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.

CARBON FOOTPRINT COMPARISON

Equivalent CO_2 Emissions per 10,000 pairs of foam disposable ear plugs

PU FOAM
DISPOSABLE EAR PLUGS



44,47 Kg

VS.

BioSoft™
FOAM DISPOSABLE EAR PLUGS



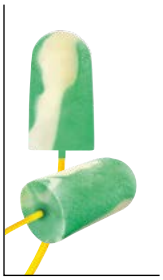
8,07 Kg

BIOSOFT™ FOAM EAR PLUGS REDUCE CO2 EMISSIONS BY OVER 82%
COMPARED WITH TRADITIONAL POLYURETHANE FOAM EARPLUGS

MEGA

BULLET™ BIOSOFT





BSF-30



BSF-D

METAL DETECTABLE



BSF-1
BSF-1B

38 SNR

Tapered shape for easy installation

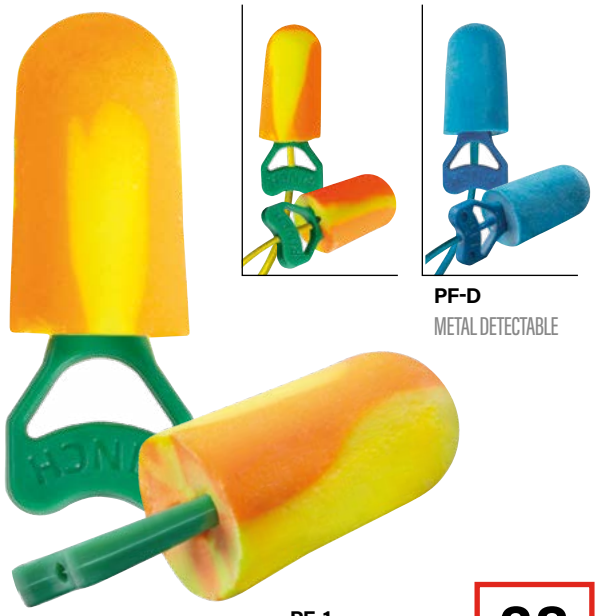
- Soft, smooth, low pressure for excellent comfort
- Bio-based materials made in North America
- All parts—the earplug, the cord (BSF-30 only), the stem, even the bag— are bio-based
- Metal detectable (blue) recommended for use in the food industry
- Independently tested NRR 32 / SNR 38

ATTENUATION CHART (EN352-2:2020)

FREQUENCY (Hz)	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



PF-D

METAL DETECTABLE

PF-1

38 SNR

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 earplug, 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 (EN352-2:2020)

FREQUENCY (Hz)	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

THE WORLD'S FIRST SUSTAINABLE BIO-BASED EAR PLUG

BioSoft™
SUSTAINABLE BIO-BASED TECHNOLOGY

BEGINNING OF LIFE

> Made from 82% bio-based materials

REPLENISHABLE SOURCE

SUSTAINABLE MATERIAL

CO_2 EMISSION REDUCTION



IN-USE

> Without sacrificing performance or comfort.



BSF-1
MEGA BULLET™
BIOSOFT
38 SNR

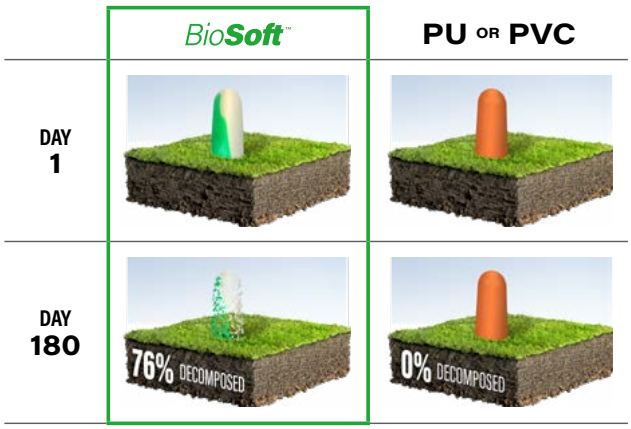


PF-1
PINCH FIT™
BIOSOFT
38 SNR

	BioSoft™ BIO-BASED FOAM	PU or PVC FOAM
MATERIAL		
SHELF LIFE	SAME	SAME
SLOW RECOVERY FOAM	✓	✓
BIO-BASED PACKAGING	✓	

END OF LIFE

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



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

COMMITMENT TO SUSTAINABILITY

As a global provider of PPE, PIP® is committed to continually identifying opportunities to minimize our environmental footprint to support a more sustainable, safer future. We are focused on leading the way, along with our industrial distributors, by offering products and solutions that minimize our impact while maximizing protection against occupational hazards.



PR TOOL SUPPLIES LTD

SALES@PRTOOLSUPPLIES.CO.UK
JESS GREEN - DIRECTOR
07733 227220

www.prtoolsupplies.co.uk