



THE ULTIMATE SOUNDPROOFING SOLUTIONS





WRAP UP
THE NOISE

INTRODUCING **PARAMAT** A Legacy of Innovation and Excellence

Paramat is the brainchild of the dedicated Paracoat team, born out of a passion for excellence and a commitment to innovation. With over 35 years of experience in the OEM sector, Paracoat has consistently delivered high-quality NVH solutions to the world's leading automotive manufacturers. This wealth of experience and technical expertise has been channeled into creating Paramat, a premier line of sound deadening products designed specifically for the aftermarket.

Every Paramat product reflects our unwavering focus on quality, performance, and innovation, ensuring that enthusiasts and professionals alike can benefit from solutions that truly make a difference.

THE SCIENCE BEHIND THE EXPERIENCE

1. **Precision Craftsmanship:** Paramat is crafted through meticulous engineering, combining advanced materials with precision craftsmanship. Our product adheres seamlessly to your vehicle's interior, enhancing its acoustic properties without compromising on style.
2. **Custom Tailored:** We understand that each vehicle has its unique acoustic fingerprint. Paramat is designed to cater to various car models, ensuring a tailored fit that maximizes noise reduction while preserving your car's individuality.
3. **Enhanced Comfort:** Experience a new level of driving comfort. Paramat's sound damping capabilities not only reduce noise but also contribute to better temperature control, making your journeys enjoyable in any weather.
4. **Effortless Application:** Installing Paramat is hassle-free, designed with simplicity in mind. Paramat can be easily integrated into your vehicle's interior, granting you immediate access to its benefits.
5. **Aesthetic Integration:** We believe in harmonizing form and function. Paramat is available in various finishes and designs, ensuring that it blends seamlessly with your car's interior aesthetic while making a statement of its own.

ELEVATE EVERY DRIVE

Paramat Automotive Sound Dampening is not just a product; it is a transformative experience. Whether you're navigating busy city streets or cruising along serene highways, Paramat empowers you to rediscover the pleasure of driving without the disturbances.

From urban adventurers to road trip enthusiasts, Paramat invites you to explore the possibilities. Upgrade your driving experience and embark on a journey where silence speaks volumes. Welcome to the future of automotive serenity with Paramat.

TUNING PARTS & INSTALLATION AREA



Door structure

The basic structure of the door is a thin steel plate, a material that resonates easily, and a large service hole. By performing vibration damping and sound absorption application, it is possible to bring out even more of the speaker's performance. Since it is a part that is directly exposed to the outside air, there are huge changes in temperature and humidity, which can lead to unexpected accidents unless adequate vibration damping and sound absorbing materials are used.



Disassembly

The part facing outside is called the outer panel, and the part facing indoors is called the inner panel. You can expect sufficient effects even if you do not use large amounts. In addition, pipe-shaped impact beams often pass close to the speakers and are likely to resonate, so vibration control is essential. It is basic that the inner panel should be securely filled with service holes and small holes, but ensure as per requirement as these will place a greater burden on the door.

Back side of door trim

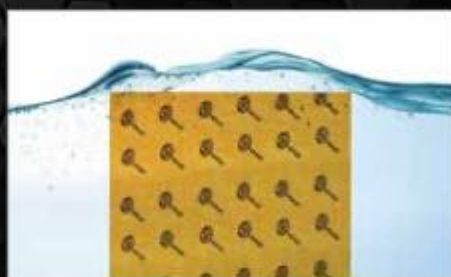
The part that resonates most is the door trim because they are lightweight, they are easily affected by speaker vibrations, which not only causes vibration, but also tends to cause a phase shift, especially in the 120Hz to 160Hz frequency band, causing loss of bass energy. Therefore, installing a special door trim damping material is effective.

Easy to trim material.



Crafted from virgin butyl rubber, Paramat's sound deadening sheets are easy to cut and customize for any application. Their flexibility ensures a smooth, hassle-free installation, saving you time and effort.

Low specific gravity



Demonstrates high vibration damping effect even in a small area. Greatly improved tuning freedom and control.

CONTENTS

ITEM CODE	VIBRO SOLUTIONS	PAGE NO:
PCP1006	STANDARD	05
PCP1002	OPTISOUND	06
PCP1001	TITANCORE	07
PCP1003	PRIMETHICK	08
PCP1004	SONIC SHIELD	09
PCP1005	NVX PRO	10
PCP1103	ROAD STAGE+	11
PCP1101	TRI-MUTE PRO	12
PCP1102	NIRVANA	13
PCP1104	HUSHWAVE	14
PCP1007	SILENTIUM SHIELD	14

ITEM CODE	KITS	
PCP9001	SPEAKER DEADENING KIT	15

ITEM CODE	ABSORBERS	
PCP2006	ABSORB WAVE	16
PCP2004	SOUND CONTROL SHEET	16
PCP2005	VIBRO COP	17
PCP2007	AUDIO PRO	17
PCP3001	SILENT SHEET	18
PCP3002	PARALITE FOR PILLAR	18

ITEM CODE	INSULATION MATERIALS	
PCP2002	DOOR NOISE CUT TAPE	19
PCP2003	SPEAKER NOISE CUT TAPE	19
PCP2008	SPEAKER SEAL TAPE	20
PCP2001	CLIP DAMPER	20
PCP3102	FIREWALL PRO	21
PCP8001	HEAT SHIELD (THERMAL)	21
PCP4001	ALGC TAPE	22
PCP4002	HARNES TAPE	22

ITEM CODE	APPLICATION ACCESSORIES	
PCP5001	APPLICATION ROLLER	23
PCP5005	CRIMPING TOOL	23
PCP5002	SWITCH BLADE KNIFE	24
PCP5003	PANEL REMOVAL TOOLS	24

ITEM CODE	CARPETS	
PCP6001	ACOUSTIC FLOOR MATS	25
PCP6002	CARPET UNDERLAY	25

Solution Overview

An economical, lightweight solution for reducing vehicle vibrations and noise, ensuring a smoother and quieter ride.



Details

Size - Length- 700 mm / Width- 500 mm
Thickness - 1.8 mm/ 70 mil
Alu-Foil - 0.05 mm
Quantity - 10 sheets/ pack
Application areas - Doors, Floor, Wheel arcs, Roof & Trunk

- > **ALUMINIUM COVER FOIL**
Enhances sheet's ability to Absorb Vibration.

- > **VISCO ELASTIC LAYER**
Good quality vibration damper.

- > **SILICONE COATED PAPER**
Easy to release and prevents dust.



Solution Overview

Efficient vibration reduction with an ideal balance of aluminum and butyl layers for optimal performance.



Details

Size - Length- 750 mm / Width- 500 mm
Thickness - 2.1 mm/ 82.5 mil
Alu-Foil - 0.05 mm
Quantity - 10 sheets/ pack
Application areas - Doors, Floor, Wheel arcs, Roof & Trunk

- > **ALUMINIUM COVER FOIL**
Enhances sheet's ability to Absorb Vibration.

- > **VISCO ELASTIC LAYER**
Best in class Vibration Damper.

- > **SILICONE COATED PAPER**
Easy to Release and prevents dust.



ITEM CODE : PCP1001
 ITEM CODE : PCP1001/02

Solution Overview

Enhanced vibration damping with increased butyl and aluminum layer thickness. Offers optimal performance with an excellent absorption-to-weight ratio.



Details

Size - Length- 750 mm / Width- 500 mm
Thickness - 2.1 mm/ 82.5 mil
Alu-Foil - 0.08 mm
Quantity - 10 sheets/ pack(PCP1001) & 5 sheets/pack(PCP1001/02)
Application areas - Doors, Floor, Wheel arcs, Roof & Trunk

> **ALUMINIUM COVER FOIL**
 Enhances sheet's ability to Absorb Vibration.

> **VISCO ELASTIC LAYER**
 High quality vibration damper.

> **SILICONE COATED PAPER**
 Easy to Release and prevents dust.



Solution Overview

Meticulously designed for surfaces with extreme vibrations, featuring thick butyl and aluminum layer for robust, efficient, and unparalleled performance.



Details

Size - Length- 750 mm / Width- 500 mm

Thickness - 2.6 mm/ 102.5 mil

Alu-Foil - 0.10 mm

Quantity - 7 sheets/ pack

Application areas - Doors, Floor, Wheel arcs, Roof & Trunk

➤ **ALUMINIUM COVER FOIL**
Enhances sheet's ability to Absorb Vibration.

➤ **VISCO ELASTIC LAYER**
Premium quality vibration damper.

➤ **SILICONE COATED PAPER**
Easy to release and prevents dust.



Solution Overview

A unique product with advanced composite materials and lightweight EPP fillers, Sonic Shield offers high thickness while remaining light. It enhances heat absorption capabilities and maintains superior performance.



Details

Size - Length- 350 mm / Width- 500 mm
Thickness - 6 mm/ 236 mil
Alu-Foil - 0.10 mm
Quantity - 10 sheets/ pack
Application areas - Floor

- > **ALUMINIUM COVER FOIL**
Enhances sheet's ability to Absorb Vibration.

- > **VISCO ELASTIC LAYER**
Integrated EPP beads butyl, super sticky and absorb vibration.

- > **SILICONE COATED PAPER**
Protect's from enviromental factor.



Solution Overview

The incorporation of a melt sheet between butyl and aluminum layers delivers greater thickness and improved sound absorption. Perfect for wide vehicle floors, offering exceptional vibration control and stability.



Details

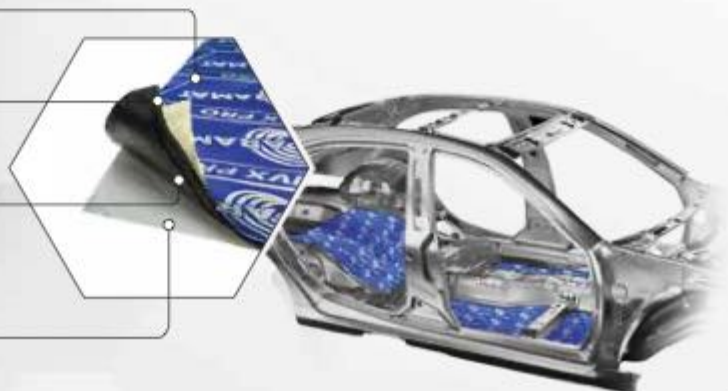
Size - Length- 375 mm / Width- 500 mm
Thickness - 3.5 mm/ 138 mil
Alu-Foil - 0.05 mm
Quantity - 10 sheets/ pack
Application areas - Floor

> **ALUMINIUM COVER FOIL**
Enhances sheet's ability to Absorb Vibration.

> **MELT SHEET**
Stiff & vibration absorber.

> **BUTYL LAYER**
Super sticky vibration absorber.

> **SILICONE COATED PAPER**
Protect's from enviromental factor.



Solution Overview

Featuring a butyl layer and XLPE foam, Road Stage+ absorbs and dissipates vibrations while its waterproof foam layer protects against water ingress. Ideal for floors and roofs parts exposed to moisture, it ensures durability and long-lasting performance.



Details

Size - Length- 375 mm / Width- 500 mm
Thickness - 5.5 mm/ 215 mil
Quantity - 20 sheets/ pack
Application areas - Floor

> FOAM LAYER

Hydrophobic sound absorbing layer.

> ALU-FOIL

Enhances sheet's ability to absorb vibration.

> BUTYL LAYER

Super sticky vibration absorber.

> SILICONE COATED PAPER

Protect's from enviromental factor.



Solution Overview

Engineered to reduce both airborne and structural noise efficiently, this product combines a butyl layer with nitrile foam for superior sound absorption. Perfect for use on roofs and doors.



Details

Size - Length- 375 mm / Width- 500 mm
Thickness - 8 mm/ 315 mil
Alu-Foil - 0.05 mm
Quantity - 10 sheets/ pack
Application areas - Roof, Doors

> FOAM LAYER

To combat with intrusive noise & vibration.

> BUTYL LAYER

Super sticky.

> SILICONE COATED PAPER

Easy to release and prevents dust.

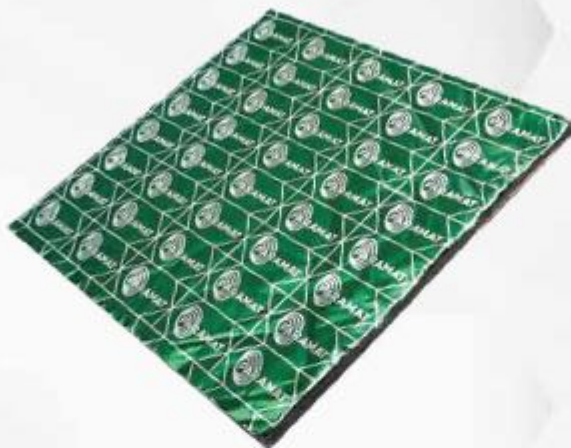
> ALUMINIUM COVER FOIL

Enhances sheet's ability to absorb vibration.



Solution Overview

The ultimate solution for unmatched performance, Nirvana's advanced multi-layer construction with open-cell PU foam delivers exceptional sound quality.



Details

Size - Length- 250 mm / Width- 250 mm

Thickness - 15 mm/ 590 mil

Alu-Foil - 0.05 mm

Quantity - 4 pieces/ pack

Application areas - Door speaker unit

> **ALUMINIUM COVER FOIL**
Audio booster layer.

> **FOAM LAYER**
Noise absorber.

> **ALUMINIUM COVER FOIL**
Enhances sheet's ability to absorb vibration.

> **BUTYL LAYER**
Super sticky vibration absorber.

> **SILICONE COATED PAPER**
Protect's from enviromental factor.



ITEM CODE : PCPI04

Solution Overview

Featuring a butyl layer and Absorb Wave foam, Hush Wave delivers improved performance with 1.25x more sound absorption than standard foam, accounting to increased surface area. Effectively reduces speaker back pressure, minimizing distortion for a clearer audio experience.



Size - Length- 250 mm / Width- 250 mm

Thickness - 18 mm/ 710 mil

Quantity - 4 pieces

Application areas - Speaker unit

ITEM CODE : PCPI007

Solution Overview

Silentiium combines a butyl layer with a non-woven fabric to deliver superior sound damping with a carpet finish on top. Its flexibility and ease of installation make it ideal for achieving ultimate silence in your vehicle.



Size - Length- 580 mm / Width- 380 mm

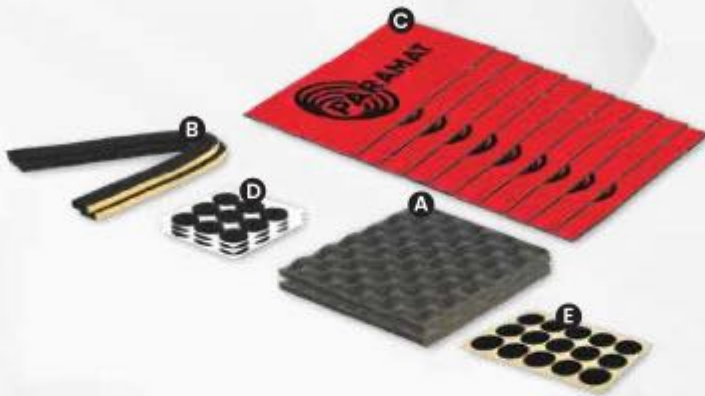
Thickness - 2 mm/ 80 mil

Quantity - 10 sheets

Application areas - Floor, Doors, Trunk

Solution Overview

A comprehensive solution for achieving ultimate in-car audio quality. Easy to install kit tackles external noise, vibration, and resonance issues, making it essential for those seeking the best in-car sound experience.



A. Ripple Foam

Size - 195 x 195 mm
Thickness - 16 mm
Quantity - 4 pieces

B. Speaker Noise Cut Tape

Size - 600 x 20 mm
Thickness - 30 mm
Quantity - 4 pieces

C. Paramat TitanCore Mini

Size - 100 x 50 mm
Thickness - 2.1 mm
Quantity - 20 pieces

D. Clip Damper

Size - 24 mm
Diameter (5mm hole)
Quantity - 27 pieces

E. Hold Seal

Size - 24 mm Diameter
Quantity - 45 pieces

- > Ripple Foam
- > Clip Damper
- > Hold Seal
- > Speaker Noise Cut Tape
- > Paramat Titancore Mini



| Solution Overview

Perfect for speaker back pressure applications and door trims, Paramat Absorb Wave offers 1.25x more sound absorption than conventional foam due to its increased surface area. It effectively reduces reverberations and echoes, enhancing in-car acoustics.



Size - Length- 500 mm / Width- 150 mm
Thickness - 16 mm/ 630 mil
Quantity - 10 pieces
Application areas - Door trim outer panel

| Solution Overview

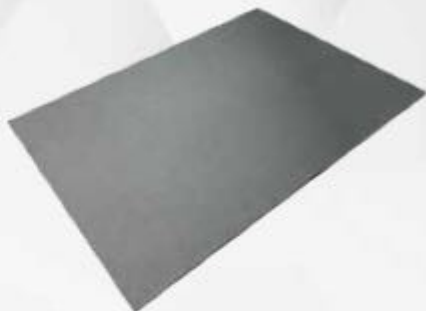
Specialized PU foam designed for interior panels and trunks, effectively dampens sound waves to create a quieter and more comfortable driving environment while enhancing overall car acoustics.



Size - Length- 500 mm / Width- 500 mm
Thickness - 10 mm/ 400 mil
Quantity - 10 sheets
Application areas - Door trim & roof

| Solution Overview

Crafted from hydrophobic foam, Vibro Cop absorbs sound while resisting water and moisture. It enhances car acoustics by ensuring superior vibration absorption.



Size - Length- 375 mm / Width- 500 mm
Thickness - 4 mm/ 160 mil
Quantity - 20 sheets
Application areas - Floor, door & roof

| Solution Overview

Elevate your car audio experience with Audio Pro, designed to enhance sound absorption and reduce resonance through car doors. Enjoy a more serene and refined in car audio environment.



Size - Length- 500 mm / Width- 500 mm
Thickness - 6 mm/ 240 mil
Quantity - 10 sheets
Application areas - Door

| Solution Overview

Paramat Silent Sheet featuring felt material is efficient in sound absorption and ultimately reduces external noise, enhancing in-car sound quality and making driving more enjoyable and relaxing.



Size - Length- 500 mm / Width- 500 mm
Thickness - 10 mm/ 400 mil
Quantity - 10 sheets
Application areas - Door trim & roof

| Solution Overview

Paralite reduces noise in vehicle pillar areas with its compact, specialized synthetic fiber design. It offers effective sound insulation and minimizes external noise enhancing the car acoustic.



SYNTHETIC FIBER
Absorbs Sound.



Size - Length- 80 mm / Width- 170 mm
Thickness - 5 mm/ 200mil
Quantity - 8 pieces
Application areas - Pillar

ITEM CODE : PCP2002

Solution Overview

Designed to reduce noise and vibrations from door panels, this tape features an adhesive backing for easy installation. Durable and versatile, it's also suitable for other interior components.



Use this product by pasting it on the contact surface of the door trim and inner panel.



Size - Length- 1000 mm / Width- 30 mm
Thickness - 5 mm/ 200 mil
Quantity - 4 Rolls
Application areas - Door panel

SPEAKER NOISE CUT TAPE

ITEM CODE : PCP2003

Solution Overview

The Noise Cut Tape enhances audio quality by reducing vibrations and preventing resonance around speakers, resulting in clearer sound output.

Before Installing
Efficiency decreased,
sound tends to be Muffled.



After Installing
Improve Efficiency,
clear Sound.



Size - Length- 600 mm / Width- 20 mm
Thickness - 30 mm/ 1180 mil
Quantity - 4 pieces
Application areas - Speaker unit

SPEAKER SEAL TAPE

INSULATION MATERIAL

ITEM CODE : PCP2008

Solution Overview

Optimized for creating airtight seals around speaker mounts, Speaker Seal Tape enhances audio quality by preventing air leaks. Its dense, flexible foam is easy to cut, ideal for custom installations.



By pasting it on speaker periphery to prevent air leakage.



Size - Length- 1.4 m / Width- 10 mm
Thickness - 3 mm/ 120 mil
Quantity - 2 rolls
Application areas - Speaker unit

CLIP DAMPER

INSULATION MATERIAL

ITEM CODE : PCP2001

Solution Overview

Designed to eliminate rattling noise, the Paramat Clip Damper fills gaps between door trims and clips, preventing air leakage and minimizing airborne vibrations.



This gap can cause Sound Leakage & Rattling.



Fill the Gap & Prevent Sound Leakage & Rattling.

Size - 24 mm Diameter
Thickness - 5 mm/ 200 mil
Quantity - 27 pieces
Application areas - Door clip holes

ITEM CODE : PCP3102

Solution Overview

Acting as a crucial barrier between the engine compartment and passenger cabin, Firewall Pro safeguards against heat, hazardous fumes, and fire spread in case of engine malfunction. It also reduces engine noise transfer into the cabin, ensuring safety and comfort.



Size - Length- 250 mm / Width- 500 mm
Thickness - 5.5 mm/ 220 mil
Quantity - 4 pieces
Application areas - Engine compartment

ITEM CODE : PCP8001

Solution Overview

Isolates heat-generating components from adjacent parts and the passenger cabin, enhancing safety and maintaining optimal temperatures. By preventing heat transfer, it ensures better vehicle performance and extends component longevity.



Exhaust System



Engine Compartment



Size - Length- 500 mm / Width- 500 mm
Thickness - 0.4 mm/ 16 mil
Quantity - 4 sheets
Application areas - Engine compartment & Exhaust system

| Solution Overview

ALGC Tape offers effective sealing and noise reduction. Its adhesive backing allows easy application to edges, gaps and seams on surfaces such as doors, windows, and trunks. Water and fire-resistant, it ensures a strong seal, preventing moisture intrusion and improving overall soundproofing hygiene.



By pasting it on the damping sheet overlapping it, it is reinforced and exhibits further vibration damping



Size - Length- 10 m / Width- 30 mm
Thickness - 0.15 mm/ 6 mil
Quantity - 1 roll
Application areas - Reinforcing damping sheet

| Solution Overview

Specialized adhesive tape for securing and bundling electrical wiring and cables. Provides insulation, abrasion resistance, and is water and fire-resistant. Reduces rattling noise, maintaining the integrity, safety, and functionality of the vehicle's electrical system.

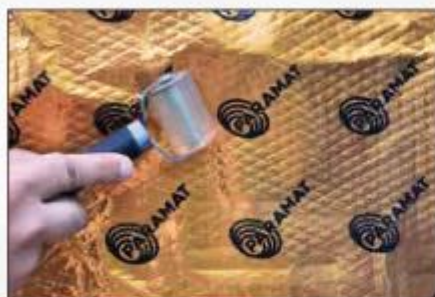


Size - Length- 15 m / Width- 19 mm
Thickness - 0.3 mm/ 12 mil
Quantity - 1 roll
Application areas - Electrical wiring & hoses

ITEM CODE : PCP5001

Solution Overview

Used to remove air bubbles and ensure proper adhesion of sound damping sheets to surfaces, the Application Roller ensures a smooth and effective application.



ITEM CODE : PCP5005

Solution Overview

Ideal for reaching blind areas where rollers can't access this tool is designed for both left and right-handed use. It ensures firm bonds, optimizing the effectiveness of damping sheets.



ITEM CODE : PCP5002

Solution Overview

Designed for quick, one-handed cutting of sound damping materials, this knife features a secure grip for added convenience.



ITEM CODE : PCP5003

Solution Overview

Specialized tools crafted from durable plastic for safe and efficient removal of vehicle panels. Designed to prevent surface damage and facilitate easy disassembly, they are essential for hassle-free automotive upgrades and panel replacement.



Quantity - 11 pieces set

ITEM CODE : PCP6001

| Solution Overview

Enhance your vehicle's interior with these easy-to-install, universal floor mats. They securely fit most vehicles, capturing dirt and preventing it from circulating when the air conditioner is on.

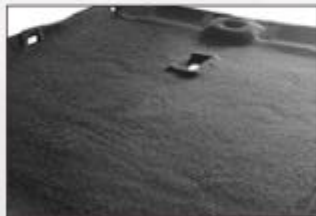


CARPET UNDERLAY

ITEM CODE : PCP6002

| Solution Overview

The carpet, constructed with non-woven fabric and adhesive, is ideal for acoustic insulation in the car trunk, trims, and cabin. It enhances sound quality while providing a clean and finished look.



Size - Length- 3 m / Width- 1 m
Thickness - 2 mm/ 80 mil
Quantity - 2 rolls
Application areas - Floor

RECOMMENDED NUMBER OF DAMPING SHEETS PER VEHICLE CLASS

MODEL OF CAR	DOORS	ROOF	FLOOR + WHEEL ARC	TRUNK	HOOD	TRUNK LID	TOTAL
SUV	8	6	14	7	1	1	37
SEDAN	7	4	12	4	1	1	29
HATCH BACK	7	5	12	6	1	1	32
VAN	8	6	14	7	1	1	37





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