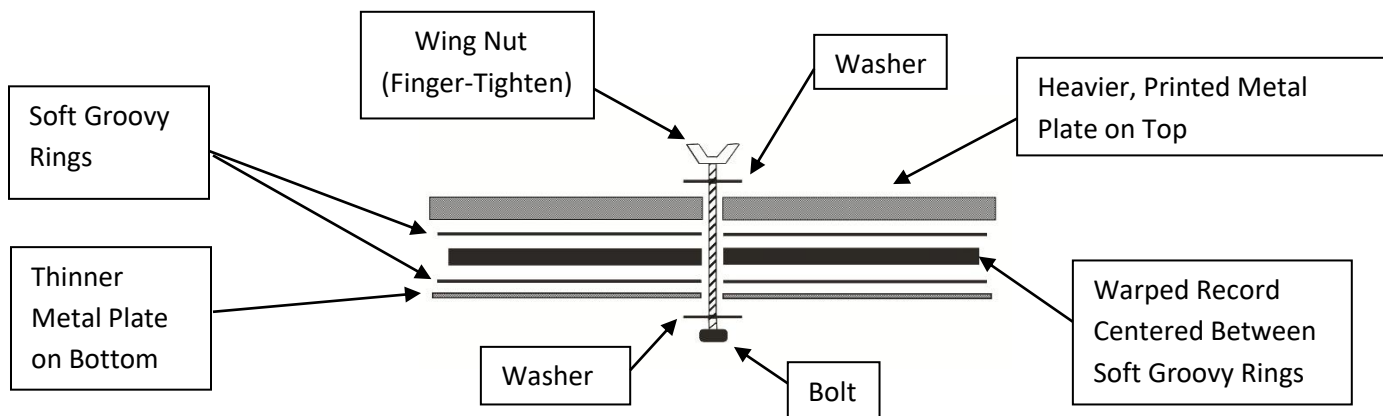


Vinyl Flat

“HOW WE USE”

Thank you for purchasing the Vinyl Flat Record Flattener™, a vinyl record accessory that is designed to help flatten the surface of unplayable warped and dished vinyl records. Because vinyl records vary by weight, surface condition and chemical composition there is no precise, “magical formula” for repairing warps and dishes with the Vinyl Flat - experimentation on your part is required. Before using the Vinyl Flat thoroughly clean the surface of the record.

ASSEMBLE IT



- **HOT MAMA.** Using heat greatly speeds-up the repair process. However excessive heat, when combined with pressure, can further deform and ruin a record, so carefully read and follow these instructions.
 - **IF USING AN OVEN, DO NOT EXCEED A VERIFIED OVEN TEMPERATURE OF 130° FAHRENHEIT (54° C). 130° F (54° C) IS A PROVEN SAFE TEMPERATURE FOR FLATTENING**
 - **USE AN INEXPENSIVE DIGITAL THERMOMETER (NOT YOUR OVEN THERMOMETER!) TO MONITOR THE OVEN TEMPERATURE AND TURN YOUR OVEN ON AND OFF MANUALLY TO CREATE AN AVERAGE OVEN TEMPERATURE OF 130 F (54 C). MOST RECORDS FLATTEN IN 1 TO 1.5 HOURS. SEE OUR WEB SITE FOR MORE INFO.**
 - **TO PROTECT THE VINYL FLAT FROM OVEN RACK SCRATCHES, PLACE THE VINYL FLAT ON A COOKIE SHEET OR TIN FOIL**
 - **IF YOU ARE UNCOMFORTABLE USING AN OVEN, USE OUR OPTIONAL “GROOVY POUCH” AS A HEAT SOURCE**

When using an oven, start with the estimated heating/cooling cycle times shown on the back of this page and if the cycle is not effective, REPEAT THE HEATING CYCLE BUT LENGTHEN THE HEATING TIME BY 15 MINUTES. Always remove the Vinyl Flat from the oven after the heating cycle and wait until the Vinyl Flat is cool to the touch before removing the record from the Vinyl Flat. When using an oven, always be conservative and start with a 60-minute heating cycle for most records.

- **COOL DADDY.** When the Vinyl Flat is used without heat (pressure only - at room temperature), it may take a very long time to reduce warps, but it is also the safest method. At room temperature, results may take weeks or even months depending on the degree of warping, the weight of the record, the vinyl/chemical composition of the record and the ambient room temperature. This technique is recommended as the first step to repair extremely valuable records.

It is suggested that you stop using the Vinyl Flat once the warp or dish has been reduced to a playable level. Repeated exposure to heat and/or pressure to obtain a perfectly flat playing surface increases the chance of damaging record grooves and should be avoided.



Estimated Heating/Cooling Cycles (Based on Record Weight)

START WITH A CLEAN RECORD • TURN OVEN ON AND OFF MANUALLY TO CREATE AN AVERAGE TEMP OF 130° F (54° C) • INCREASE HEATING TIME IN 10 MINUTE INCREMENTS, IF REQUIRED

Record Label (Year)	Weight	Initial Time in Oven at 130° F/54° C	Cooling Time Outside of Oven*
If Not Shown Below	If Weight is Not Known	50 min	45 min
RCA/Dynaflex/Dynagroove (1970s)	90 – 105 grams	50 min	45 min
Arista, Atlantic (1980s)	105 grams	60 min	45 min
Asylum, Atlantic, Columbia, Epic, Mercury, Mushroom, Reprise, Vanguard (1970s)	105-110 grams	60 min	45 min
Chrysalis, Geffen (1980s)	110 grams	60 min	45 min
ABC/Blue Thumb, Arista, Capitol, Capricorn, Grateful Dead Records, RSO, Stax (1970s)	115-120 grams	60 min	45 min
A&M, EMI, IRS (1980s)	115-120 grams	60 min	45 min
Jagjaguwar (2010)	115-120 grams	60 min	45 min
ECM, Infinity, MGM, Mobile Fidelity, Passport, Reference Recordings, UA, Warner Bros (1970s)	120-185 grams	70 min	45 min
Angel/EMI (1980s); Reprise (1960s)	160 grams	70 min	45 min
Secretly Canadian (2010)	160 grams	70 min	45 min
Mercury, Stax (1960s)	185-190 grams	70 min	45 min
Verve (1960s)	185 grams	70 min	45 min
Verve (1990s)	190 - 160 grams	70 min	45 min
Sun (1990s)	160 grams	70 min	45 min
Columbia, Columbia Masterworks, Decca (1960s)	160 grams	70 min	45 min
4AD, Matador, Merge, OJC, Sub Pop (2010)	160-180 grams	80 min	60 min
Various Labels	200 grams	80 min	60 min

***At room temperature, before removing record from Vinyl Flat**

TWO-YEAR LIMITED WARRANTY

Vinyl Flat LLC guarantees all parts and materials used in your Vinyl Flat Record Flattener™ for a period of two (2) years from the date of first retail purchase. Vinyl Flat LLC will replace any defective or malfunctioning part(s) at no charge during the warranty period. You pay shipping charges to return the unit to us and we will pay shipping charges to return the repaired unit to you. This warranty DOES NOT COVER normal wear and tear or cosmetic damage. The Vinyl Flat is a consumer-grade product for hobbyists and record collectors. Commercial use of this product voids your warranty. This limited warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, maladjustment, improper maintenance, modification, introduction of sand, dirt, humidity, or liquids, or commercial, business, or rental use of the product, or if serviced by anyone other than Vinyl Flat LLC, or damage that is attributable to acts of God (e.g. fire). Direct, indirect, punitive, compensatory, incidental, special, and consequential damages ARE NOT RECOVERABLE UNDER THIS WARRANTY. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Since vinyl records vary greatly in chemical composition, thickness, weight, age, care exercised in storage, and prior environmental exposure Vinyl Flat LLC assumes no responsibility if your record is destroyed, damaged, or otherwise rendered unusable when treated using Vinyl Flat. Use Vinyl Flat AT YOUR OWN RISK. Also note that there are NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. If something goes wrong with your Vinyl Flat, please contact us at: Vinyl Flat LLC, PO Box 1753, Richmond, IN 47375. Email: support@vinylflat.com. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.