



We're not only the best in the business - MADE IN we're the original.





SINCE 1987...

Our family-owned business has provided top-quality heat and sound insulation products for high-performance vehicles. Our innovations have orbited in space, braved the elements with our men and women in uniform, and reached high speeds with racers around the world, from Jack Roush to Joe Gibbs to weekend warriors like you. And when you purchase a product from Thermo-Tec, you support the U.S. economy by buying parts produced by American technology and American hands.

We stand by our products and guarantee you'll be pleased with the quality and value of your purchase. Pick the right solution first with Thermo-Tec!

Year after year, our loyal domestic and international customer bases have provided the Thermo-Tec brand with sales growth in every category. Our commitment to quality and continuous improvement is our pledge to you and our continued growth.

Extreme heat conditions and the destructive nature of radiant heat in general continue to be a major problem for consumers of our products. They find that Thermo-Tec products provide logical, easy-to-use solutions at reasonable prices. Customers may contact us at anytime for heat and sound management solutions. The Thermo-Tec Team is at your service, willing to match ideal products to your needs.











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Welcome to Thermo-Tec Automotive, where excellence is our standard and innovation is our tradition. As pioneers of the exhaust wrap industry, we pride ourselves on delivering superior products that redefine performance. Every item in our catalog is meticulously crafted in the USA, reflecting our unwavering commitment to quality and precision. Discover the difference with Thermo-Tec Automotive, where American ingenuity meets automotive excellence.

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At Thermo-Tec, we take great pride in our partnerships with professional drivers and esteemed custom shops within the racing community. Our sponsorship program serves as a testament to our commitment to enhancing performance on and off the track. We work tirelessly behind the scenes to ensure our partners have the competitive edge they need to succeed. Whether it's supporting drag racing champions or precision drifters, Thermo-Tec is dedicated to delivering excellence.

SPONSORSHIPS







Cool Hand Customs



LucasOil **Late Model Dirt Series**









Travis Williams Motorsports

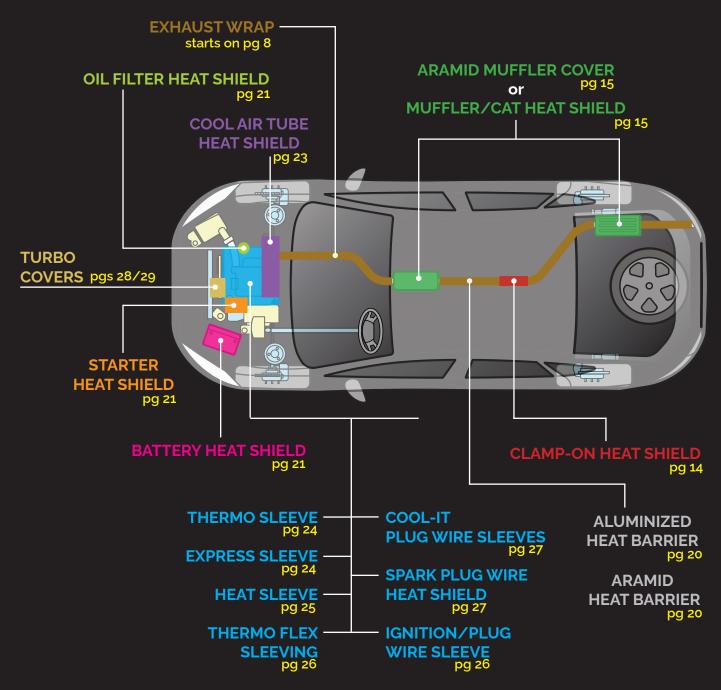
Matt Field 777

Diesel **Motorsports**



WHICH PRODUCT SHOULD I USE?

Choosing the appropriate product for your specific application is paramount in achieving optimal results and performance. Whether you're aiming to enhance engine performance, reduce heat transmission, or protect critical components, selecting the right product ensures maximum effectiveness and longevity.



PRODUCT SELECTION



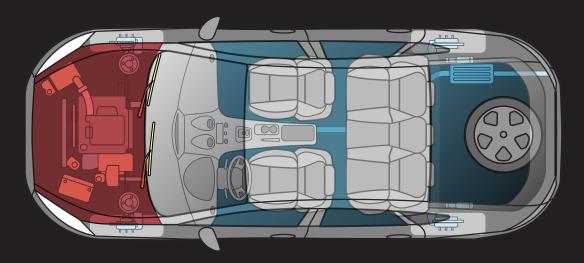
MULTI-PURPOSE PRODUCTS

Thermo-Tec offers a range of versatile products, such as various Heat Barriers and mats, designed for multiple applications.

Inside, they keep things cozy by blocking out heat and noise.

Outside, they shield your engine from getting too hot, making sure everything runs smoothly.

Refer to the color chart below to determine the recommended usage for each product. This comprehensive guide ensures that you select the right Thermo-Tec solution for your specific need.

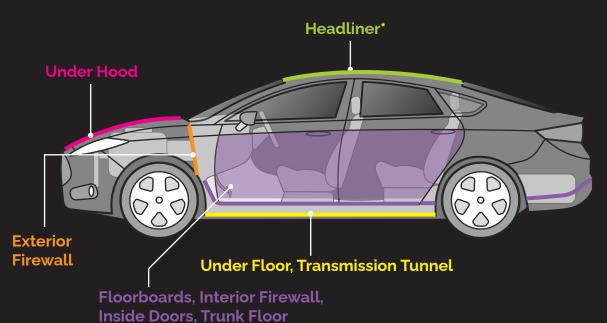


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INTERIOR ONLY

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We are the ORIGINAL. and still the BEST!

Thermo-Tec's exhaust wrap stands as both the pioneer and the pinnacle in the realm of exhaust insulation solutions.

With a legacy spanning decades of innovation and refinement, Thermo-Tec has established itself as the quintessential choice for automotive enthusiasts seeking unparalleled quality and performance. As the original exhaust wrap, Thermo-Tec embodies a commitment to excellence, consistently delivering optimal heat management and engine efficiency. Its advanced design not only mitigates heat dissipation but also enhances engine performance by maintaining ideal operating temperatures. Moreover, Thermo-Tec's exhaust wrap boasts a user-friendly installation process, ensuring accessibility for automotive enthusiasts of all skill levels. In essence, Thermo-Tec's exhaust wrap remains unrivaled in its efficiency, embodying a legacy of excellence that defines the standard for exhaust insulation solutions.









Improved Exhaust Flow: Wrapping headers and exhaust pipes with heat-resistant wrap helps maintain higher temperatures within the exhaust system. This keeps exhaust gases hotter and less dense, promoting smoother flow and reducing back pressure. As a result, the engine can breathe more efficiently, potentially leading to increased horsepower and torque.

Reduced Under-Hood Temperatures: By containing heat within the exhaust system, exhaust wrap helps reduce the transfer of heat to other components in the engine bay. This can prevent heat-related damage to nearby parts, such as wiring, hoses, and plastic components, leading to improved reliability and longevity of engine components.

Increased Exhaust Scavenging: The hotter exhaust gases facilitated by exhaust wrap can enhance exhaust scavenging, a process where exhaust gases help draw in fresh air-fuel mixture into the combustion chambers during the engine's intake stroke. Improved scavenging can lead to better cylinder filling and combustion efficiency, contributing to overall engine performance.

Lower Intake Temperatures: With reduced heat transfer to nearby components, intake air temperatures can also be lower. Cooler intake air is denser and contains more oxygen molecules, which can lead to improved combustion and engine efficiency.

Prevention of Heat Soak: Heat soak occurs when engine components absorb heat during operation and retain it even after the engine is turned off. By containing heat within the exhaust system, exhaust wrap can help prevent excessive heat soak, allowing for quicker cooldown periods and reducing the risk of heat-related issues during engine restarts.

Aesthetic Enhancement: Exhaust wrap can also add a custom, performance-oriented look to the vehicle's engine bay. With various colors and finishes available, exhaust wrap can complement the vehicle's overall aesthetic while conveying a sense of high-performance functionality.

Overall, exhaust wrap is a cost-effective and relatively simple way to improve engine performance, protect engine components, and enhance the visual appeal of a vehicle's engine bay.



ORIGINAL Exhaust Wrap

ORIGINAL

Part No.	Description
11001	1 in. x 50 ft.
11002-25	2 in. x 25 ft.
11002	2 in. x 50 ft.
11003	2 in. x 100 ft.
11151	1 in. x 15 ft.
11152	2 in. x 15 ft.
11006	6 in. x 100 ft.
11008	8 in. x 100 ft.

- Thermo-Tec Original Exhaust Wrap
- No Asbestos
- Enhanced Exhaust Efficiency
- Lower Intake Temps
- High Heat Endurance
- Safety Assurance
- Thermal Conduction Technology (TCT)
- Effective Heat Management

The Thermo-Tec Original Exhaust Wrap is an innovative solution engineered to boost horsepower and mitigate under-hood temperatures effectively. With roots tracing back over three decades, Thermo-Tec pioneered the development of the Exhaust Insulating Wrap, revolutionizing automotive thermal management.

By enveloping headers, the wrap retains hotter exhaust gases, facilitating quicker expulsion from the system by reducing density. This process amplifies exhaust scavenging while simultaneously lowering intake temperatures, a dual benefit that optimizes engine performance.

Constructed to endure continuous heat levels of up to 2000°F, the Exhaust Insulating Wrap is asbestos-free, ensuring safety and compliance with modern standards. Notably, Thermo-Tec's proprietary Thermal Conduction Technology (TCT) coating prevents the wrap from over-insulating the system when installed correctly. This advanced coating effectively regulates heat distribution across the wrap's surface, controlling both heat accumulation and dissipation.





GRAPHITE BLACK Exhaust Wrap

The Thermo-Tec Black Exhaust Wrap is a cutting-edge solution designed to optimize engine performance and regulate under-hood temperatures. This wrap is engineered to enhance exhaust flow by maintaining hotter exhaust gases, resulting in quicker expulsion from the system and improved scavenging. This innovative wrap boasts a proprietary coating-enhanced Thermal Conduction Technology.

GRA	PHITE BLACK
Part No.	Description
11021	1 in. x 50 ft.
11022-25	2 in. x 25 ft.
11022	2 in. x 50 ft.
11023	2 in. x 100 ft.
11153	1 in. x 15 ft.
11154	2 in. x 15 ft.

- Lower Intake Temps
- · High Heat Endurance

GEN II COPPER Exhaust Wrap



Its advanced design promotes increased exhaust scavenging, optimizing engine efficiency while enduring continuous heat levels of up to 2000°F. Asbestos-free and meticulously crafted, this wrap ensures uncompromised safety and compliance with modern standards.

Available in one or two-inch widths and 50-foot rolls, Generation II Copper Exhaust Wrap features a low-profile 1/16 inch thickness.

GE	EN II COPPER
Part No.	Description
11031	1 in. x 50 ft.
11032	2 in. x 50 ft.

- Thermo-Tec Exclusive!
- 30% more heat resistance
- More Horsepower
- Lower Intake Temps
- High Heat Endurance
- Thermal Conduction Technology (TCT)





Pulverized lava rock, also known as basalt fiber, is a key component in Thermo-Tec's exhaust wrap products. Here's how it's used and why it's beneficial:



Composition: Pulverized lava rock is derived from basalt, a volcanic rock formed from the rapid cooling of lava. Basalt fiber is made by melting basalt rock at high temperatures and then

extruding the molten material into thin fibers.

Properties: Basalt fiber is known for its exceptional heat resistance, strength, and durability. It can withstand high temperatures, making it well-suited for applications where thermal insulation and heat management are crucial.

Thermo-Tec's Exhaust Wrap: Thermo-Tec incorporates pulverized lava rock, or basalt fiber, into its exhaust wrap products to enhance their performance. The basalt fiber provides excellent thermal insulation properties, helping to contain and manage heat within the exhaust system.

Hi-Tech Carbon Fiber Appearance: Thermo-Tec's exhaust wraps featuring pulverized lava rock often boast a hi-tech carbon fiber appearance. This not only adds visual appeal but also reflects the advanced materials and technology used in the product.

Resistance to Discoloration: Pulverized lava rock-based exhaust wraps are resistant to discoloration, maintaining their appearance even under high-temperature conditions. This ensures that the wrap retains its aesthetic appeal over time.

Performance Benefits: By wrapping headers and exhaust components with Thermo-Tec's exhaust wrap containing pulverized lava rock, hotter exhaust gases are maintained within the system. This promotes faster expulsion of exhaust gases, resulting in increased exhaust scavenging and lower intake temperatures. These benefits contribute to improved engine performance and efficiency.

Overall, pulverized lava rock plays a crucial role in enhancing the thermal management capabilities and performance of Thermo-Tec's exhaust wrap products, making them popular choices among automotive enthusiasts and professionals alike.



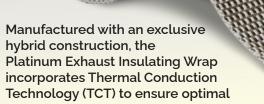


CARBON FIBER & RICOCHET Exhaust Wrap



CARBON FIBER		
Part No.	Description	
11041	1 in. x 50 ft.	
11042	2 in. x 50 ft.	
RICOCHET BLACK		
RICO	OCHET BLACK	
Part No.	DESCRIPTION	
Part No.	Description	

PLATINUM Exhaust Wrap



heat management. The proprietary Weave Lock design enhances durability and minimizes fraying, guaranteeing long-lasting performance in demanding conditions.

Capable of withstanding direct heat up to 1200°F, this wrap is engineered to excel in high-temperature environments. Available in 1 or 2-inch widths and 50-foot rolls, the Platinum Exhaust Wrap offers versatility and ease of installation.

	PLATINUM	
Part No.	Description	
11061	1 in. x 50 ft.	_
11062	2 in. x 50 ft.	

- Proprietary Weave Minimizes Fraying
- Made From Lava Rock
- High Heat Endurance
- Thermal Conduction Technology (TCT)



nade from

LAVA ROCK



EXHAUST Wrap Kit

EXHAUST WRAP KIT

Part No.	Description
19102	Original, 1-Roll Kit
19202	Original, 2-Roll Kit
19122	Black, 1-Roll Kit
19222	Black, 2-Roll Kit

- 1- or 2-Roll Kit
- Includes 2" x 50 ft. roll(s) of Exhaust Wrap
- Snap Straps
- One can of Hi-Heat Coating, Black
- High Heat Endurance
- Thermal Conduction Technology (TCT)
- · Everything in One Kit

Each kit contains everything you need for a professional-grade installation, conveniently packaged into one complete package. Included in the kit are the

Exhaust Insulating Wrap, HiHeat Coating, and Snap Straps ensuring you have all the necessary components for a hassle-free setup.

The kit features one or two rolls of the Exhaust Wrap in a natural or black color, each measuring 2 inches wide and 50 feet long. With a temperature rating of up to 2,000°F and a thickness of 0.063 inches, this

wrap is engineered to withstand the rigors of high-performance driving environments.

The kit offers flexibility to suit your preferences and complement your vehicle's aesthetic. Choose from two sizes tailored for specific applications: one ideal for motorcycles and 4-cylinder engines, and another optimized for 6-8 cylinder configurations.

With the Thermo-Tec Exhaust Insulating Kit, achieving optimal heat management and enhancing engine performance has never been







HIGH VELOCITY Exhaust Jackets

These innovative quick-wrap jackets offer seamless insulation by covering the tubes vertically, ensuring a consistent fit across the entire exhaust system. This unique design allows the exhaust system to expand freely as it reaches operating temperatures, without any restrictions, while also providing additional airspace for enhanced insulation.

They can be conveniently applied with the headers still mounted in the vehicle, streamlining the installation process and minimizing downtime.

EXHAUST JACKETS	
Part No.	Description
11246	4-6 cyl. Kit (12 ft)
11248	8 cyl Kit (16 ft)

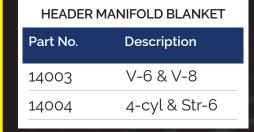
- Consistent Fit
- Install Without Unmounting Headers
- High Heat Endurance
- Thermal Conduction Technology (TCT)

HEADER MANIFOLD Blanket

This flexible
heat shield is
ingeniously
designed to clip
into place on the
upper portion of the
header, ensuring a snug
and secure fit. The fabric side
of the material, when installed,
faces the heat source and boasts
remarkable heat resistance,
capable of withstanding direct heat
up to 1000°F.

On the flip side, the aluminized surface, facing away, provides protection from radiant heat up to 2000°F, effectively safeguarding against abrasion and potential damage from harmful liquid spills.

The Header Manifold Blanket is available in two convenient sizes to accommodate various engine configurations. For V6 and V8 applications, the kit includes two 20" x 24" blankets, while straight 6 and 4-cylinder engines are served by a single 36" x 40" blanket.



- · Simply Clips Into Place
- Install Without Unmounting Headers
- Can Withstand Direct Heat Up To 1000°F
- Protection From Abrasion and Harmful Liquid Spills





CLAMP-ON Heat Shields

CLAMP-ON HEAT SHIELD

CLAMP-ON HEAT SHIELD	
Part No.	Description
11600	6 in. x 1 ft. Kit
11604	6 in. x 1 ft., 4" clamps
11620	6 in. x 2 ft. Kit
11624	6 in. x 2 ft., 4" clamps
11630	6 in. x 3 ft. Kit
11634	6 in. x 3 ft., 4" clamps
11650	4 in. x 1 ft. Kit
11660	4 in. x 2 ft. Kit
BA	ASALT HEAT SHIELD
11550	3.75" x 11.75" Carbon
11551	3.75" x 5.75" Carbon
11500	3.75" x 11.75" Ricochet
11501	3.75" x 5.75" Ricochet

The flexible Clamp-On Heat Shield effectively blocks over 95 percent of the damaging radiant heat emitted by the exhaust. A Thermo-Tec exclusive, this heat shield provides the ultimate in durability and protection. Each kit comes complete with all necessary clamps and stainless stand-offs. These are available in one.

two, and three-foot lengths to accommodate various exhaust configurations. For exhaust pipes exceeding 3.5 inches, the 4-inch

clamps are recommended, which can accommodate up to 4.5-inch pipes.

The Basalt Clamp-On Heat Shield is designed to effectively block exhaust heat and enhance the performance of your motorcycle or smaller pipe applications.

Each kit comes complete

with all necessary clamps and stainless stand-offs, allowing for quick and easy installation in just minutes. Available in 5.75-inch and 11.75-inch lengths, Thermo-Tec's Basalt Clamp-On Heat Shield provides versatility to accommodate various exhaust

configurations and installation requirements.



made from LAVA ROCK

STAINLESS STEEL Heat Shield

STAINLESS STEEL
CLAMP-ON HEAT SHIELD

Part No.	Description
11675	1 ft. x 6 in. Kit
11676	2 ft. x 6 in. Kit

- · Easily installs in minutes
- Includes all clamps and stainless stand-offs
- Blocks over 95% of radiant heat

This innovative heat shield features Thermo-Tec's proprietary Thermal Conduction Technology coating, developed to deliver exceptional thermal management performance. With its new and improved design, the flexible Stainless Steel Clamp-On Heat Shield effectively blocks over 95 percent of the damaging radiant heat emitted by the exhaust, safeguarding nearby components from heat-related damage. Each shield comes complete with all necessary clamps and stainless stand-offs for easy installation, requiring just minutes to install.



ARAMID Muffler Cover

Capable of handling continuous temperatures up to 750°F, this muffler cover effectively reduces radiant heat inside the vehicle, creating a more comfortable driving environment. Additionally, it dampens muffler noise and vibration, contributing to a quieter and smoother ride for passengers.

The kit includes 3 each of 24-inch and 18-inch stainless steel straps for easy and secure installation, ensuring a hassle-free setup process. With its neat and attractive appearance, the Aramid Muffler Cover Kit adds a touch of style to your vehicle while offering abrasion resistance for long-lasting durability.

ARAMID MUFFLER COVER	
Part No.	Description
16800	38 in. x 26 in.

- · 38" x 26"
- Includes Snap Straps for Installation
- Dampens muffler noise and vibration
- Handles continuous temps up to 750°F

MUFFLER/CAT Heat Shield



Constructed from woven silica with a flexible Mylar finish, this heat shield offers exceptional protection against radiant heat, capable of withstanding temperatures up to 2000°F and continuous direct temperatures of 1100°F.

The highly-reflective nature of the heat shield allows it to be installed between the catalytic converter, muffler, or any other component to deflect radiant heat away from the undercarriage of the car. The kit includes all necessary fasteners for a secure installation, allowing you to experience immediate benefits in heat reduction and component protection.

	EAT SHIELD
Part No.	Description
16500	40 in. x 24 in.

MUFFL FR/CAT

- · 40" x 24"
- · Made of Woven Silica
- Flexible Mylar Finish
- Protects against radiant heat up to 2000°F
- Handles direct continuous temps up to 1100°F
- Kit includes fasteners





COOL-IT MAT Insulation Mat

COOL-IT MAT

Part No.	Description
14100	24 in. x 48 in.
14110	48 in. x 48 in.
14100-50	24 in. x 50 ft roll

- Easy to Trim
- Reflects Heat up to 2000°F
- · 1/2" Thick
- · Resin Bonded Silica
- Great for the Firewall, Floorboards, Doors, Hoods, and Transmission Housing



Thermo-Tec's Cool-It Mat, your ultimate solution to combat excessive heat and noise infiltrating the driver compartment, firewall, floorboards, doors, hoods, and transmission housings of your vehicle.

The Cool-It Mat features a composition of resin-bonded silica blanketing insulation nestled between a reflective FSK (Foil Skrim Kraft) facing on one side and a foil facing on the other. The highly-reflective FSK works as a vapor and radiant barrier, while the foil side conducts penetrating heat across its surface, offering optimal heat protection.

The silica blanketing, a dual-density composite, serves as the primary sound insulator, effectively reducing noise for a quieter driving experience. Trim with ease and apply using the push-in fasteners provided or any weather strip adhesive for seamless installation.

Available in three convenient sizes, including a 50-foot roll, the Cool-It Mat boasts a thickness of about 1/2 inch, ensuring comprehensive heat and noise protection wherever it's applied.





Use the Heavy Duty Spray Adhesive for a secure installation



THERMO GUARD FR Insulation Mat



Designed to combat the dual challenges of heat and noise, Thermo Guard FR boasts a variety of benefits. Crafted from 100 percent synthetic fiber felt,

it offers sound absorption and vibration dampening capabilities. Meanwhile, its advanced foil heat barrier delivers exceptional protection against radiant heat, boasting an impressive resistance of up to 1500°F.

Despite its formidable performance, Thermo Guard FR maintains a sleek profile, measuring just 1/4 inch in thickness. This ensures maximum effectiveness without sacrificing interior space or aesthetics. Its versatile nature allows for seamless customization, making it suitable for a wide range of applications including trucks, RVs, cars, aircraft, and residential settings.

For optimal results, Thermo Guard FR is recommended for interior use only, serving as a testament to its precision engineering and adherence to safety standards. It should not be utilized in engine bays or exposed to external elements.

To facilitate effortless installation, Thermo-Tec offers the option of complementing Thermo Guard FR with their Heavy Duty Spray Adhesive, guaranteeing a secure and enduring fit.







THERMO GUARD FR		
Part No.	Description	
14120	48 in. x 72 in.	
14125	48 in. x 72 in. 2-Sided	
14130	24 in. x 48 in.	

- Lightweight and durable
- Reduces Sound, Absorbs Vibration
- High-tech foil heat barrier
- Blocks 90+% of radiant heat
- Only 1/4" thick
- 100% Synthetic Fiber Felt
- Trimmable
- Easy to Apply
- Great for Cars, Trucks, RVs, Busses, Aircraft, Homes, etc.



Use the Heavy Duty Spray Adhesive for a secure installation





THE SUPPRESSOR & SUPER SONIC Mat

THE SUPPRESSOR

Part No.	Description
14600	12 in. x 12 in. (2 pcs)
14610	24 in. x 36 in.
14620	36 in. x 60 in.
14600-12	12 in. x 33.5 ft.
14620-36	36 in. x 33.5 ft.

SUPER SONIC MAT

Part No.	Description
14700	12 in. x 12 in. (2 pcs)
14710	24 in. x 36 in.
14720	36 in. x 60 in.
14700-12	12 in. x 33.5 ft.
14720-36	36 in. x 33.5 ft.

SUPPRESSOR KITS

SOLLINES	
DOOR KITS Part No. 14630	TRUNK KITS Part No. 14631
16 sq. ft.	20 sq. ft.
FLOOR & DASH Part No. 14632	COMPLETE FLOOR PAN Part No. 14633



Use the Mat Roller for easy installation

The Suppressor & Super Sonic mats are designed exclusively for interior use.

Suppressor. Crafted to excel in environments where both sound and radiant heat paramount. control are this mat combines a polyethylene film with a durable foil surface, providing shielding against radiant heat up to 2000°F and direct temperatures up to 300°F. Whether interior firewalls. it's floorboards, or doors, the Suppressor's substantial 70 mil thickness ensures performance, endurina while its high temperature adhesive backing simplifies trimming and fitting for seamless integration into vehicle's interior architecture.







The Super Sonic Mat is designed to excel in environments where sound control is paramount. superior sound offering dampening to reduce road noise, rattles, engine noise, and other bothersome sounds. This high-quality mat combines a high-density polyethylene film with an aluminum foil composite that is both abrasion and tearresistant. The gray film provides structural integrity and strength, allowing the material to bend, move, and return to shape even under tension forces. With a substantial 70 mil thickness, the Super Sonic Mat ensures enduring performance.









Crafted to perfection, the Adhesive-Backed Heat Barrier offers versatile protection for painted surfaces, plastic components, and any susceptible part vulnerable the detrimental effects of radiant heat. Constructed from woven silica with a flexible aluminized finish, this barrier combines durability with adaptability, making it an indispensable asset in your automotive arsenal.

The highly reflective surface is capable of withstanding radiant temperatures of up to 2000°F, while the adhesive-backed side is engineered to endure direct temperatures of up to 250°F.

Some examples of uses for this versatile product are battery enclosures, electrical wiring harnesses, under-hood electronics, fuel lines and hoses, intake components, external firewalls, side panels, and under hoods.





ADHESIVE-BACKED HEAT BARRIER

Part No.	Description
13500	12 in. x 12 in.
13575	12 in. x 24 in.
13585	24 in. x 36 in.
13590	24 in. x 48 in.
13575-50	12 in. x 50 ft.
13590-50	24 in. x 50 ft.

- Protects parts and components from radiant heat
- · Woven Silica
- Flexible aluminized finish
- · Reflects radiant heat
- Withstands radiant temps up to 2000°F
- Handles direct temps up to 250°F



Use the Mat Roller for easy installation





ALUMINIZED Heat Barrier

ALUMINIZED HEAT BARRIER

Description
40 in. x 36 in.
40 in. x 50 ft.
20 in. x 36 in.
20 in. x 18 in.

- Fabric side withstands direct temps to 1000°F
- Can be used directly on exhaust systems

Engineered with woven silica and a flexible aluminized finish, ensuring superior protection against radiant heat. Its highly reflective surface can withstand radiant temperatures up to 2000°F, while the fabric side remains resilient in temperatures up to 1000°F. Installation is hassle-free, offering flexibility with standard rivets and backup washers or weather strip

adhesive. For secure placement on manifolds or exhaust systems, clamps or straps like Thermo-Tec's Snap Strap can be utilized. With its customizable design, this heat barrier can be easily trimmed to fit specific applications, ensuring efficient heat management in automotive environments.

ARAMID Heat Barrier

ARAMID HEAT BARRIER

Part No.	Description
16850	26 in. x 38 in.

- Handles extreme radiant heat up to 3000°F
- Withstands direct temps up to 750°F

This robust barrier is engineered to endure extreme conditions, boasting a remarkable capacity to withstand radiant heat up to 3000°F

and direct contact temps reaching 750°F. Compatible with standard rivets and backup washers or our Heavy-Duty Spray Adhesive for added convenience.

For secure attachment in exhaust system applications, clamps or straps like Thermo-Tec's Snap Strap provide reliable support. In scenarios such as undercarriage heat shields positioned above exhaust systems, fasteners are recommended.

When utilized as a heat shield, the metallic side faces the heat source. Conversely, when retaining heat, such as on exhaust manifolds, the fabric side faces the heat. This configuration leverages the metallic surface as a barrier, safeguarding against liquid penetration and ensuring enduring performance in demanding environments.







BATTERY WRAP Heat Shield

The world's sole acidneutralizing heat barrier
mat, revolutionizing battery
protection in automotive
applications. Reflecting
over 90 percent of radiant
heat, this innovative barrier
not only shields against
thermal damage but also

effectively traps and neutralizes battery

acid, offering comprehensive corrosion protection. Crafted with sustainability in mind, it is recyclable, safeguarding the environment while offering cost-effective and easy installation.

BATTERY WRAP HEAT SHIELD

Part No. Description

13200 Battery Wrap Kit

- Acid-neutralizing heat barrier mat
- Easy to install

OIL FILTER Heat Shield

The Oil Filter Heat Shield serves as a robust protective barrier for your oil filter, shielding it from the extreme heat from the engine. Its design seamlessly encompasses the oil filter, offering a comprehensive defense against intense heat. Crafted with a reflective surface, it effectively deflects radiant heat, thus maintaining optimal operating temperatures within the oil filter housing. This shield ensures the longevity and efficiency of your oil

filter, safeguarding its performance even under demanding conditions.



HEAT SHIELD	
Part No.	Description
13015	3" - 4" x 12" 4-pk
13025	4" - 5" x 12" 4-pk

011 FILTED

STARTER Heat Shield

The Starter Heat Shield stands as a vital solution in the face of today's high-heat environments, where starters bear the brunt of damaging temperatures. Addressing this challenge directly, Thermo-Tec presents a heat shield with a non-conductive interior and a highly reflective Mylar surface.

This innovative Starter Heat Shield reflects over 90% of radiant

heat, effectively prolonging the lifespan of starters and ensuring reliable ignition with every start. Universally compatible, the Starter Heat Shield comes as a comprehensive kit that fits all starters. Included in the kit are two 24-inch Snap-Straps, facilitating easy installation and ensuring a secure fit for optimal performance.

STARTER HEAT SHIELD

Part No.	Description
14150	7 in. x 22 in.

- Non-conductive interior
- Universal fit
- Includes (2) 24" Snap Straps





ULTRA-LITE Floor Insulating Mat

ULTRA-LITE INSULATING MAT

Part No.	Description
16510	8 in. x 12 in.
16520	10 in. x 18 in.
16530	18 in. x 18 in.
16540	18 in. x 24 in.
16550	24 in. x 24 in.
16560	24 in. x 36 in.

- Designed for Racers
- Protects from the excessive heat coming through the floorboards
- Screw-on installation
- High-temp synthetic felt center as a thermal insulator.
- Durable



For race car drivers seeking relief from the intense heat emanating from underneath, Thermo-Tec's Ultra-Lite Insulating Mat emerges as the ultimate solution. Engineered with precision and performance in mind, this advanced mat leverages cutting-edge materials and Thermal Conduction Technology (TCT) to mitigate heat transfer effectively.

Whether installed on top or underneath the floorboards, the Ultra-Lite Insulating Mat serves as a robust barrier against radiant heat. Its highly-textured aluminum composite surface reflects and disperses heat away from the interior of the vehicle, preventing the floorboards from becoming excessively hot.

With its high-temp synthetic felt center serving as a thermal insulator, the mat protects racing boots or shoes from potential melting caused by the intense heat generated below. This innovative design ensures that the floorboards remain cooler and more comfortable for the race car driver, even in the most extreme racing conditions.







COOL AIR TUBE Heat Shield

This lace-up tube cover boasts a versatile design capable of accommodating air tubes ranging from 2-1/2 inches to 3-1/2 inches in diameter, extending up to 36 inches in length. Its adaptive fit ensures compatibility with a wide array of engine configurations, offering seamless integration into diverse automotive setups.

What sets this heat shield apart is its exceptional thermal insulation properties. Engineered to block over 98 percent of radiant heat emissions up to 2000°F, it serves as a formidable barrier against thermal intrusion. Moreover, its solid construction enables it to withstand direct temperatures of up to 750°F, ensuring reliability under extreme operating conditions.

Complementing its performance attributes is a touch of customization. The kit includes four distinct color laces—blue, yellow, red, and white—providing enthusiasts with the opportunity to personalize their engine compartments while benefiting from superior thermal management.

(COOL AIR TUBE
Part No.	Description
14500	36 in. x 4 in.

- Unique Lace-up cover
- Fits air tubes 2.5" to 3.5" dia., up to 36 in. long
- Blocks over 98% of radiant heat
- Kit includes Blue, Yellow, Red. and White laces
- Withstands radiant heat up to 2000°F

THERMO SHIELD Protective Tape

Engineered with precision,
Thermo-Shield serves as a
vital defense in applications
where disconnecting hoses
or wires is challenging or impractical. This
adhesive-backed composite construction
tape offers exceptional convenience,
making it easy to wrap around hoses and
wires for a clean, professional appearance.

Designed with practicality in mind, Thermo-Shield boasts the ability to protect parts from over 90 percent of radiant heat, withstanding radiant temperatures of up to 2000°F. This formidable barrier ensures the preservation of critical components, enhancing their longevity and reliability in high-temperature environments.

It's important to note that while Thermo-Shield excels in protecting hoses and wires, it is not intended for use on exhaust systems.

- Easily wraps around hose or wire
- Reflects over 90% of radiant heat

NOT FOR USE ON EXHAUST



THERMO-SLEEVE & EXPRESS SLEEVE

THERMO-SLEEVE

14005 1/2 in. x 3 ft. 14006 1/2 in. x 12 ft. 14005-50 1/2 in. x 50 ft. 14010 1 in. x 3 ft. 14011 1 in. x 12 ft. 14010-50 1 in. x 50 ft. 14015 1-1/2 in. x 3 ft. 14016 1-1/2 in. x 12 ft.	
14005-50	
14010 1 in. x 3 ft. 14011 1 in. x 12 ft. 14010-50 1 in. x 50 ft. 14015 1-1/2 in. x 3 ft.	
14011 1 in. x 12 ft. 14010-50 1 in. x 50 ft. 14015 1-1/2 in. x 3 ft.	
14010-50 1 in. x 50 ft. 14015 1-1/2 in. x 3 ft.	
14015 1-1/2 in. x 3 ft.	
14016 1-1/2 in. x 12 ft.	
14015-50 1-1/2 in. x 50 ft.	
14020 2 in. x 3 ft.	
14021 2 in. x 12 ft.	
14020-50 2 in. x 50 ft.	
14025 2-1/2 in. x 3 ft.	
14026 2-1/2 in x 12 ft.	
14025-50 2-1/2 in. x 50 ft.	

EXPRESS SLEEVE

Part No.	Description
14030	1/2 to 1 in. x 3 ft.
14031	1/2 to 1 in. x 12 ft.
14030-50	1/2 to 1 in. x 50 ft.
14035	1 to 1-1/2 in. x 3 ft.
14036	1 to 1-1/2 in. x 12 ft.
14035-50	1 to 1-1/2 in. x. 50 ft.

Thermo-Sleeve and Express Sleeve, two innovative solutions designed to provide maximum protection against radiant heat for hoses, wires, and cables while offering unmatched ease of use and versatility.



Thermo-Sleeve features a seamless lamination of high-temperature fabric to a highly-reflective foil, creating a formidable barrier against thermal intrusion. Its ultra-lightweight construction offers superior insulation compared to traditional bulky rubber-coated fiberglass sleeves. The aluminized sleeving reflects over 90 percent of radiant heat, ensuring maximum heat dissipation while maintaining a cool operating environment for hoses and wires. Thermo-Sleeve is available in 3-, 12-, and 50-foot lengths, with five different inside diameter sizes.



all secured with a convenient hook and loop closure mechanism. Designed for ease of use, the Express Sleeve offers maximum protection against radiant heat with easy application. Simply pull apart the material, wrap it around the wire or hose, and re-close the sleeving.

Thermo-Sleeve and Express Sleeve ensure optimal thermal insulation while minimizing installation time and effort. The combination of high-quality materials and intuitive design makes them the ideal choice for a wide range of applications, from automotive to industrial settings.

with a highly reflective Mylar foil,

In summary, Thermo-Tec's Thermo-Sleeve and Express Sleeve are the go-to solutions for hose, wire, and cable thermal protection. They're easy to install, reliable, and high-performing, catering perfectly to various applications.



HEAT SLEEVES™ Braided Sleeving



Engineered to safeguard wires, cables, and hoses from the damaging effects of high-temperature exposure, liquid spills, and occasional flame contact.

Crafted with precision in the USA, this silicone-coated fiberglass fire sleeving offers both durability and reliability. Constructed from braided fiberglass and coated with a compound silicone rubber, it delivers superior heat resistance and mechanical strength to withstand the harshest operating conditions.

The Heat Sleeve provides continuous protection up to 500°F, ensuring the integrity of critical components in demanding environments. Moreover, it offers short-term exposure resilience up to an impressive 2200°F, making it ideal for applications where extreme temperatures are encountered.

Available in two sleek colors, silver and black, the Heat Sleeve offers versatility to suit various aesthetic preferences and project requirements. With three diameter options—1/2 inch, 3/4 inch, and 1 inch—and three lengths—3 feet, 10 feet, and 50 feet—Thermo-Tec ensures that customers have the flexibility to tailor their thermal protection solutions to specific needs.



HEAT SLEEVES - BLACK

Part No.	Description
18050	1/2 in. x 3 ft.
18050-10	1/2 in. x 10 ft.
18050-50	1/2 in. x 50 ft.
18075	3/4 in. x 3 ft.
18075-10	3/4 in. x 10 ft.
18075-50	3/4 in. x 50 ft.
18100	1 in. x 3 ft.
18100-10	1 in. x 10 ft.
18100-50	1 in. x 50 ft.
HEAT SLI	EEVES - SILVER
18051	1/2 in. x 3 ft.
18051-10	1/2 in. x 10 ft.
18051-50	1/2 in. x 50 ft.
18076	3/4 in. x 3 ft.
18076-10	3/4 in. x 10 ft.
18076-50	3/4 in. x 50 ft.
18101	1 in. x 3 ft.
18101-10	1 in. x 10 ft.
18101-50	1 in. x 50 ft.

- Designed to protect wires, cables, and hoses
- Continuous protection to 500°F
- Short-term exposure up to 2200°F





SLEEVING

THERMO-FLEX Sleeving

THERMO-FLEX

Part No.	Description	on
17062	5/8" x 3 ft.	SILVER
17062-10	5/8" x 10 ft.	SILVER
17075	3/4" X 3 ft.	SILVER
17075-10	3/4" X 10 ft	SILVER
17100	1" x 3 ft.	SILVER
17100-10	1" × 10 ft.	SILVER
17125	1-1/4" x 3 ft.	SILVER
17125-10	1-1/4" x 10 ft.	SILVER
17150	1-1/2" x 3 ft.	SILVER
17150-10	1-1/2" x 10 ft	SILVER
17300	3" x 3 ft.	SILVER
17300-10	3" x 10 ft.	SILVER
17063	5/8" x 3 ft.	BLACK
17076	3/4" × 3 ft.	BLACK
17101	1" x 3 ft.	BLACK



Thermo-Flex unique composition allows for flexibility and strength, making it ideal for a myriad of uses. Whether you're covering wire looms, protecting hoses, or providing thermal insulation, Thermo-Flex offers the versatility needed for any project.

Moreover, the aluminum-silica combination enables easy slitting for applications such as wire looms or hose covering without the need to disconnect the ends of the wire or hoses, saving time and effort during installation.

IGNITION/PLUG WIRE Sleeving

IGNITION/PLUG WIRE SLEEVING

Part No.	Description
14040	3/8 in. x 25 ft. BLK
14045	3/8 in. x 25 ft. BLUE

- · Available in Black or Blue
- Abrasion resistant
- Maximum protection against spark loss

Thermo-Tec's Ignition Plug Wire Heat Sleeve is engineered to tackle the toughest conditions, providing unmatched flexibility and abrasion resistance while safeguarding against spark loss and vapor lock.

At its core, a braided continuous e-glass insulation withstands temperatures up to 1000°F, ensuring reliability in high-performance environments. Complementing this is a silicone outer surface capable of handling temperatures of up to 500°F, bolstering durability and heat resistance for long-lasting performance in extreme operating conditions.





COOL-IT PLUG WIRE Sleeves



These sleeves serve as both protectors and enhancers for spark plugs and ignition wires. They excel at minimizing misfires, extending the lifespan of wires, and optimizing overall engine performance. Their innovative double-wall construction effectively dissipates heat, ensuring optimal performance even in high-temperature environments.

What sets these sleeves apart is their universal sizing, seamlessly fitting most boot configurations with ease. Installation is hassle-free, making them accessible to a wide range of users. Furthermore, their non-flammable composition provides an added layer of safety and reliability in any operating conditions.

COOL-IT PLUG	WIRE
SLEEVES	

Part No.	Desci	ription
14260	4-pk	Natural
14261	4-pk	Red
14262	4-pk	Black
14263	4-pk	Blue
14270	6-pk	Natural
14271	6-pk	Red
14272	6-pk	Black
14273	6-pk	Blue

SPARK PLUG WIRE Heat Shield

At its core, this heat shield boasts a unique construction designed to combat heat on two fronts. Its outer surface

reflects over 90 percent of radiant heat, acting as a formidable barrier against external heat sources. Meanwhile, the inner layer, composed of silica-based fabric, effectively blocks conductive heat from permeating through to your wires and boots.

With Thermo-Tec's Spark Plug Wire Heat Shield, you can rest assured that your ignition system remains shielded from the damaging effects of heat. Whether you're navigating scorching hot conditions or pushing the limits of engine performance, this heat shield stands as your first line of defense against heat-related wear and tear.

SPARK PLUG WIRE HEAT SHIELD

Part No.	Description
14200	(2) 6 in. x 1-1/2 in.
14250	(4) 6 in. x 1-1/2 in.

- Dual layer
- Ultimate protection for your spark plugs
- Reflects over 90% of radiant heat
- Silica-based fabric prevents conductive heat from penetrating





TURBO COVERS

BASALT TURBO COVERS & Kits

BASALT TURBO COVERS & KITS

Part No.	Description
15043	T3 Carbon Fiber Cover
15041	T3 Carbon Fiber KIT
15073	T3 Ricochet Cover
15071	T3 Ricochet KIT
15044	T4 Carbon Fiber Cover
15042	T4 Carbon Fiber KIT
15074	T4 Ricochet Cover
15072	T4 Ricochet KIT

- Available in Carbon Fiber and Ricochet Black
- Keeps the turbine spooled up, reducing turbo lag
- Dual layer construction
- Reduces under-hood temperatures
- Improves horsepower
- Includes wiring for easy installation





Crafted with precision using lava rock, these turbo covers are engineered to deliver both performance and durability.

Designed for a streamlined fit, the Basalt Series Turbo Covers ensure optimal turbine effectively spool-up, minimizing turbo lag and maximizing engine responsiveness. Their dual-layer construction not only enhances durability but also reduces under-hood temperatures, leading to improved horsepower and overall engine performance.



By maintaining consistent temperatures inside the turbo, these covers unleash the full potential of your vehicle's engine, allowing you to experience enhanced power and efficiency. Each cover comes complete with wiring for easy installation, guaranteeing a seamless integration into your vehicle's engine bay.







TURBO COVERS



COOL-IT Turbo Cover

The ultimate solution for turbo performance enhancement and underhood temperature control. Engineered with an easyfit design, this turbo cover is compatible with turbos up to T6, ensuring a hasslefree installation process.

Manufactured using a dual-layer construction, the Cool-It Turbo Cover is designed to boost performance and durability. By effectively reducing under-hood

temperatures, this cover contributes to improved horsepower and overall engine performance. By maintaining optimal temperatures inside the turbo, it minimizes turbo lag, keeping the turbine spooled up for enhanced responsiveness. Each kit includes grommets and wiring for seamless installation.

COOL-IT
TURBO COVER

Part No.	Description
15004	Kit fits T3, T4
15005	Kit fits T5, T6

- Fits larger turbos
- Reduce turbo lag
- Reduce under-hood temperatures
- Improves horsepower and performance

UNIVERSAL Turbo Cover Kit

The custom cut-to-fit kit comes with an excessive amount of material to cover turbos from the smallest automotive application to heavyduty truck applications. Two Turbo Kits are available - a four cylinder kit, and a six and eight cylinder kit. Each kit contains a 1- or 2-inch x 50 ft. roll of

Exhaust Insulating Wrap, Aluminized Heat Barrier, and a 3-in X 6-in piece of Exhaust Insulating Wrap. Hardware

and instructions are included.



UNIVERSAL TURBO COVER KIT	
Part No.	Description
	. 1.179

15001 4-cyl Kit 15002 6 & 8-cyl. Kit Cover only 15003

WHAT SIZE TURBO COVER DO I NEED?



Your turbo cover selection should be based on the outer diameter of the turbine housing's "hot side" (which incases the exhaust-fed impeller).

Measure the diameter of your turbo's hot side and use the table to the right to choose the proper size turbo cover.

HOT SIDE DIA.	TURBO COVER SIZE
5" to 6"	T3 Turbo Cover
6" to 7.5"	T4 Turbo Cover
7.5" to 8.5"	T5 Turbo Cover
8.5" to 10.5"	T6 Turbo Cover



COATINGS & ADHESIVES

HI-HEAT COATING Spray

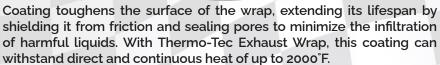
HI-HEAT COATING SPRAY

Part No.	Description
12001	Black, 12 oz.
12002	Aluminum, 12 oz.
12003	Copper, 12 oz.

- Can handle direct and continuous heat up to 1200°F without wrap, 2000°F with wrap
- Protects Thermo-Tec's Exhaust Wrap from abrasion and harmful liquid spills
- Can be used on bare metal surfaces
- Extends the life of wrap

Complete your Exhaust Wrap Insulating application with Thermo-Tec's Hi-Heat Coating Spray - the perfect finishing touch for a clean and well-protected exhaust system. Specially formulated to complement the wrap, coating provides an additional laver of defense against abrasion and liquid spills, ensuring long-lasting protection.

Featuring extra resins and binders, the Hi-Heat



But that's not all – the versatility of this coating extends beyond just wraps. It serves as an excellent paint for metal surfaces, capable of handling continuous temperatures of up to 1200°F. Whether you're protecting your exhaust wrap or adding a durable finish to metal surfaces, Thermo-Tec's Hi-Heat Coating Spray delivers exceptional performance and reliability in high-temperature environments.



HEAVY-DUTY ADHESIVE Spray

HEAVY-DUTY ADHESIVE SPRAY

Part No. Description
12005 13.3 oz.

HEAVY-DUTY SPRAY
ADHESIVE IS NOT FOR USE
ON EXHAUST

The go-to solution for securing Thermo-Tec products like Thermo-Guard FR, Cool-It Insulating Mat, and the Aluminized Heat Barrier.

This fast-drying, quick-bonding adhesive is designed to withstand high temperatures, ensuring a secure and long-lasting bond wherever you need it. Whether you're working with Thermo-Tec products or tackling other projects, this adhesive offers an easy-to-apply solution for creating durable bonds that stand the test of time.





FASTENERS, TAPES, & ROLLERS





SUPER SONIC Acoustical Spray



Thermo-Tec's Super Sonic Acoustical Spray, a revolutionary solution engineered to elevate your driving experience. This meticulously crafted rubberized undercoating offers more than just noise reduction and vibration dampening—it provides comprehensive protection for your vehicle's undercarriage.

Its advanced formula creates a resilient barrier against environmental elements, including salt, oxygen, and moisture, effectively safeguarding your vehicle from rust and corrosion. With a seamless application process, this cutting-edge spray ensures your vehicle remains pristine even in the harshest driving conditions.

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SUPER SONIC ACOUSTICAL SPRAY

Part No.	Description
12004	18 oz.

- Easy to apply
- Durable
- Rubberized Coating

SNAP STRAP Fasteners



The versatile solution for securing Thermo-Tec Exhaust Insulating Wrap and more in high-temperature environments. Crafted from high-quality stainless steel, these multi-purpose straps are engineered to provide secure fastening and durability.





Features a two-layer design comprising highly reflective foil and a specialized acrylic adhesive system. Thermo-Tec's Seam Tape is not only flame retardant but also highly puncture-proof and tear-resistant. Its superior adhesion ensures a secure bond even in the

most challenging environments, providing reliable protection and insulation for your vehicle's components.

MAT ROLLER

This heavy-duty 2-inch roller is designed to smooth out adhesive applications. Ideal for

removing air bubbles and flattening imperfections.

SNAP STRAP FASTENERS

Part No.	Description
13101	V-8 Kit (8) 9" straps (4) 18" straps
13102	4-cyl. Kit (4) 9" straps (2) 18" straps
13105	V-6 Kit (6) 9" straps (4) 18" straps
13150	(12) 9" straps
13160	(6) 18" straps
13170	(6) 24" straps

Part No.	Description
13997	Seam Tape
14800	Mat Roller





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