



SCIENCE OF COOLING

Cooling Product Spec Sheet

Product reference for MLILY retail partners

Specifications and product details for the MLILY cooling range – mattresses, sleep systems, pillows and bedding. Use these sheets to give your team the information they need to sell with confidence. Pricing shown is MSRP and may vary by market.

Products in This Guide

MATTRESSES & SLEEP SYSTEMS

- WellFlex ICE Memory Foam Mattress
- Midnight ICE Hybrid Mattress
- PowerCool Mattress
- PowerCool Adjustable Base

COOLING PILLOWS

- PowerCool Classic Pillow
- PowerCool Shoulder Pillow
- Harmony Cool Pillow

COOLING ACCESSORIES & BEDDING

- Sierra Topper
- Super Cooling Duvet
- 5-Sided Super Cooling Mattress Protector

MATTRESS · COOLING MEMORY FOAM

From \$2,399

WellFlex ICE

Sleep cooler with an Enhanced Cooling Knit Cover and Gel AeroFusion® Memory Foam with ActiveTemp™ PCM that absorbs heat and regulates temperature all night – crafted with organic and recycled materials for sustainable, luxurious comfort.

QUICK SPECS

TYPE	All-Foam Memory Foam Mattress, 14"
FIRMNESS	Firmer 1.0 / Plusher 3.0
SIZES	Twin XL, Queen, King, Cal King, Split King
COVER	Enhanced Cooling Knit Fabric (PCM-coated)
CERTIFICATIONS	CertiPUR-US®, OEKO-TEX®, ICA Endorsed
WARRANTY	10-Year

KEY FEATURES

- Gel AeroFusion® Memory Foam with ActiveTemp™ PCM
- BioBreeze™ breathable, bio-based memory foam layers
- Liquid Gel CoolFlex™ foam in the Plusher 3.0 build
- Organic, recycled-material cooling cover
- Fiberglass-free FR inner cover

COOLING FEATURES



Construction — Firmer 1.0

- 01 Enhanced Cooling Knit Fabric Cover
- 02 1.5" Gel AeroFusion® Memory Foam w/ ActiveTemp™ PCM
- 03 1" BioBreeze™ Memory Foam
- 04 2" Performance Memory Foam
- 05 9.5" Flex Support Base Foam
- 06 Fiberglass-free FR Inner Cover

Construction — Plusher 3.0

- 01 Enhanced Cooling Knit Fabric Cover
- 02 1.5" Gel AeroFusion® Memory Foam w/ ActiveTemp™ PCM
- 03 2.5" BioBreeze™ Memory Foam
- 04 2" Liquid Gel CoolFlex™ Foam
- 05 2" Flex Comfort Foam w/ Egg Crate Top
- 06 6" Flex Support Base Foam
- 07 Fiberglass-free FR Inner Cover



MATTRESS · COOLING HYBRID

From \$3,099

Midnight ICE

Luxury meets cooling comfort. Building on the original Midnight, the ICE edition adds copper-infused AeroFusion® Memory Foam with ActiveTemp™ PCM for advanced temperature regulation and a breathable, body-contouring feel night after night.

QUICK SPECS

TYPE	Hybrid Mattress, 14"
FIRMNESS	Firmer 1.0 / Plusher 3.0
SIZES	Twin XL, Queen, King, Cal King
COVER	Enhanced Cooling Knit Fabric (PCM-coated)
COIL SYSTEM	6" Individually Pocketed Springs, Foam Encased
WARRANTY	10-Year

KEY FEATURES

- Copper Gel AeroFusion® Memory Foam w/ ActiveTemp™ PCM
- Liquid Gel CoolFlex™ Foam (Plusher 3.0)
- Individually pocketed coils for motion isolation
- Reinforced foam encasement for edge support
- Fiberglass-free FR inner cover

COOLING FEATURES



Regulates Temperature



Copper Infused



PCM Coating

Construction — Firmer 1.0

- 01 Enhanced Cooling Knit Fabric Cover
- 02 1.5" Copper Gel AeroFusion® Memory Foam / ActiveTemp™ PCM
- 03 2.5" Gel AeroFusion® Memory Foam
- 04 2.5" Gentle Flex Foam
- 05 6" Individually Pocketed Springs w/ Foam Encasement
- 06 1" Flex Support Base Foam
- 07 Fiberglass-free FR Inner Cover

Construction — Plusher 3.0

- 01 Enhanced Cooling Knit Fabric Cover
- 02 1.5" Copper Gel AeroFusion® Memory Foam w/ ActiveTemp™ PCM
- 03 2" Latex-like AdaptiFoam®
- 04 1.5" Gel AeroFusion® Memory Foam
- 05 1.5" Liquid Gel CoolFlex™ Foam
- 06 6" Individually Pocketed Springs w/ Foam Encasement
- 07 1.5" Flex Support Base Foam



MATTRESS · VENTILATED HYBRID

From \$5,999

PowerCool Mattress

POWERCOOL SYSTEM

An 11.5" fully ventilated hybrid mattress that promotes passive airflow to disperse heat. Available in Firm and Medium, and pairs with the PowerCool Base for active cooling.

QUICK SPECS

TYPE	Ventilated Hybrid Mattress, 11.5"
FIRMNESS	Firm / Medium
SIZES	TXL, Queen, King, Cal King
COIL COUNT	609-806 (by size)
MSRP	\$2,399 – \$3,599
WARRANTY	10-Year

KEY FEATURES

- Ventilated Latex-like AdaptiFoam® for horizontal + vertical airflow
- Ventilated Bamboo Charcoal Memory Foam (Medium)
- PowerCool Cooling Knit Fabric Cover
- 7-zone individually pocketed spring system
- Pairs with PowerCool Adjustable Base for active airflow

COOLING FEATURES



Construction — Firm

- 01 PowerCool Cooling Knit Fabric Cover
- 02 2" Ventilated Latex-like AdaptiFoam®
- 03 1.5" Ventilated Flex Comfort Foam
- 04 6.5" Individually Pocketed Springs w/ Foam Encasement
- 05 1.5" Ventilated Flex Support Base Foam

Construction — Medium

- 01 PowerCool Cooling Knit Fabric Cover
- 02 1.5" Ventilated Latex-like AdaptiFoam®
- 03 1.5" Ventilated Bamboo Charcoal Memory Foam
- 04 1" Ventilated Flex Comfort Foam
- 05 6.5" Individually Pocketed Springs w/ Foam Encasement
- 06 1" Flex Support Base Foam



ADJUSTABLE BASE

Sold as Sleep
System

PowerCool Adjustable Base

An adjustable base engineered specifically for the PowerCool mattress, with built-in cooling fans that push filtered air up through the mattress's ventilated foam layers.

QUICK SPECS

TYPE	Adjustable Base with Cooling Fans
FAN CONTROL	3 speeds / 3 styles, head + foot independent
LEGS	3-in-1 adjustable legs (3" + 6")
CONNECTIVITY	USB charging ports, LED lighting
REMOTE	Wireless remote w/ charging cable
SPLIT SIZES	Multi-base syncing supported

KEY FEATURES

- Built-in timer for scheduled cooling
- Independent head and foot positioning
- Designed exclusively to pair with the PowerCool mattress
- USB charging ports + ambient LED lighting

COOLING FEATURES


Regulates
Temperature

Cooling
Fabric

Ventilated
Memory Foam


PILLOW · COOLING

From \$179

PowerCool Classic Pillow

Cool, comfortable sleep for every position – an ice-touch Cooling Knit Fabric Cover over a ventilated Gel AeroFusion® Memory Foam core for breathable comfort and responsive support.

QUICK SPECS

TYPE	Foam Core Pillow
CORE	Ventilated Gel AeroFusion® / Bamboo Charcoal Memory Foam
COVER	Cooling Knit Fabric (ice-touch)
SIZES	Queen (27" x 15"), King (34" x 18")
BEST FOR	Back, side, and stomach sleepers

KEY FEATURES

- 360° breathable construction
- Adapts to head and neck micro-pressure points
- Ventilated foam core reduces heat retention

COOLING FEATURES


Cooling
Fabric

Ventilated
Memory Foam


PILLOW · COOLING, CONTOUR

From \$179

PowerCool Shoulder Pillow

Built for side sleepers – an ergonomic shoulder cutout and ventilated Gel AeroFusion® Memory Foam core cushion the head, neck, and shoulders while promoting cooler sleep.

QUICK SPECS

TYPE	Contour Foam Core Pillow
CORE	Ventilated Gel AeroFusion® Memory Foam
COVER	Cooling Knit Fabric (ice-touch)
SIZES	Queen (27" x 15"), King (34" x 18")
BEST FOR	Side sleepers, shoulder/neck pressure relief

KEY FEATURES

- Sculpted shoulder cutout reduces joint pressure
- Supports proper spinal alignment
- Gel-infused, ventilated foam for airflow

COOLING FEATURES



Cooling Fabric



Ventilated Memory Foam



PILLOW · COOLING, SHREDDED FOAM

\$59

Harmony Cool Pillow

Our bestselling Harmony Classic, upgraded with a Cooling Knit Fabric Cover. Shredded memory foam fill adapts to the shape of your head and neck for personalized comfort.

QUICK SPECS

TYPE	Shredded Memory Foam Pillow
CORE	Shredded Memory Foam
COVER	Cooling Knit Fabric
ADJUSTABILITY	Shapeable / moldable fill

KEY FEATURES

- Shredded fill adapts to head and neck
- Upgraded cooling knit cover vs. standard Harmony Classic
- Hypoallergenic, CertiPUR-US® foam

COOLING FEATURES



BEDDING · MATTRESS TOPPER

From \$229

Sierra Topper

An extra layer of plush comfort and supportive pressure relief – refresh an older mattress or elevate a new one for a more restful night's sleep.

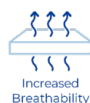
QUICK SPECS

TYPE	Dual-Layer Gel Memory Foam Topper
THICKNESS	2.5"
SIZES	Twin, Twin XL, Full, Queen, King
COVER	Smooth quilted surface + 3D mesh side panels
CERTIFICATIONS	CertiPUR-US®, OEKO-TEX®
WARRANTY	10-Year

KEY FEATURES

- Cooling gel infusion draws heat away from the body
- Breathable 3D mesh side panels for ventilation
- Dual-layer design: support base + plush contouring top

COOLING FEATURES



BEDDING · DUVET INSERT

\$199

Super Cooling Duvet

Refreshing comfort without sacrificing softness – advanced cooling fabrics including Sorona® Polyester in a luxuriously smooth nylon mica and spandex blend.

QUICK SPECS

TYPE	Cooling Duvet Insert
SHELL FABRIC	Nylon mica + spandex blend
COOLING FABRIC	Sorona® Polyester
SIZES	Queen, King

KEY FEATURES

- Silky-soft, cool-to-the-touch feel
- Moisture-wicking technology
- Regulates sleeping climate through the night

COOLING FEATURES



Breathable
Design



Regulates
Temperature



BEDDING · MATTRESS PROTECTOR

\$159

5-Sided Super Cooling Mattress Protector

Cooling fibers help dissipate heat while a waterproof 5-sided design guards against spills, moisture, and allergens – protection that stays breathable.

QUICK SPECS

TYPE	5-Sided Fitted Mattress Protector
COVERAGE	Top + sides (fitted-sheet design)
WATERPROOF	Yes – top and side barrier
FITS	Mattresses up to 18" deep
SIZES	Twin, Twin XL, Full, Queen, King, Cal King
BASE COMPATIBILITY	Works with adjustable bases

KEY FEATURES

- Cooling fibers actively dissipate heat for a continuously cool sleep surface
- Waterproof barrier protects against spills and moisture
- Breathable construction preserves the mattress's original feel
- Helps guard against allergens and dust mites

COOLING FEATURES

