



## Pocketed Coil® Springs Reference Guide

### Recharge®



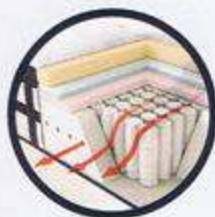
800 density Pocketed Coil® springs with Ventilated AirCool® BeautyEdge® Foam Encasement

- 24 springs per square foot
- 94 feet of steel per square foot
- 8" Pocketed Coil® spring height with 1½" precompression
- 46¼" wire length per coil

#### Wire Gauge

Plush Coil	.068	15.5 gauge
Firm Coil	.083	13.75 gauge
Edge Support	.086	13.5 gauge

### Recharge® World Class®



1000 density Pocketed Coil® springs with Ventilated AirCool® BeautyEdge® Foam Encasement

- 30 springs per square foot
- 116 feet of steel per square foot
- 8" Pocketed Coil® spring height with 1½" precompression
- 46½" wire length per coil

#### Wire Gauge

Plush Coil	.068	15.5 gauge
Firm Coil	.080	14 gauge
Ultra Firm/Edge Support	.086	13.5 gauge

### Recharge® World Class® with Micro Pocketed Coil®



2000 density Pocketed Coil® and Micro Pocketed Coil® springs with Ventilated AirCool® BeautyEdge®

- 52 springs per square foot
- 186 feet of steel per square foot
- 1.5" Micro Pocketed Coil® height with ¾" precompression
- 24¾" wire length per standard coil

#### Wire Gauge

Micro Pocketed Coil®	.051	17.5 gauge
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Within the area of a torso board there are:

- 41 Pocketed Coil® springs
- 159 feet of steel wire

Within the area of a torso board there are:

- 52 Pocketed Coil® springs
- 202 feet of steel wire

Within the area of a torso board there are:

- 110 Pocketed Coil® and Micro Pocketed Coil® springs
- 319 feet of steel wire

Size	Density*	Actual
Twin	422	351
Twin XL	469	390
Full	617	513
Full XL	685	570
Queen	800	660
King	1046	870
Cal King	1077	896

Size	Density*	Actual
Twin	594	450
Twin XL	630	480
Full	825	660
Full XL	875	704
Queen	1000	825
King	1296	1089
Cal King	1258	1054

Size	Density*	Actual
Twin	1259	1115
Twin XL	1333	1183
Full	1770	1605
Full XL	1874	1703
Queen	2000	1935
King	2702	2495
Cal King	2686	2482

#### AirCool® Foam (SMAT 19 & 28 ILD) - *Simmons*

##### Features:

- A channeled surface design that promotes airflow through the mattress.

##### Benefits:

- Used in the quilt to add softness to the comfort level.
- Provides support and good airflow.

#### AirCool® Memory Foam (2.3 lb. Visco Foam) - *Simmons*

##### Features:

- Cell structure contours to your body.
- Responds to temperature and pressure.

##### Benefits:

- Provides good airflow throughout the mattress.

#### AirCool® Memory Foam (3.5 lb.) - *ComforPedic*

##### Features:

- Unique proprietary memory foam formula.
- Patented proprietary formula.
- Provides the perfect combination of comfort and support.

##### Benefits:

- Uniquely formulated memory foam conforms to your body.
- Provides pressure point relief and good airflow.
- Proprietary formulation responds quickly to help alleviate that quicksand feeling.

#### Advanced AirCool® Memory Foam (4.5 lb.) - *ComforPedic*

#### Luxury AirCool® Memory Foam (5.5 lb.) - *ComforPedic*

##### Features:

- Unique proprietary memory foam formula.
- Higher density foams for a luxurious feel.
- Provides the perfect combination of comfort and support.

##### Benefits:

- Uniquely formulated memory foam conforms to your body.
- Provides pressure point relief and good airflow.
- Proprietary formulation responds quickly to help alleviate that quicksand feeling.

#### AirCool® Memory Foam with Micro GelTouch™ - *Simmons*

##### Features:

- Unique gel-infused memory foam.

##### Benefits:

- Provides enhanced pressure relief.

#### AirCool® Memory Foam with Polyworks Gel (2.5 lb. AirCool® Memory Foam with center 1/3 Polyworks Gel) - *ComforPedic*

##### Features:

- 2.5 lb. all-over memory foam gel topper with high density gel in center 1/3.

##### Benefits:

- Provides superior pressure relief and maximum support.

#### AirCool® Memory Foam with TruTemp™ Gel (4 lb. TruTemp™ Gel) - *ComforPedic*

##### Features:

- TruTemp™ Gel is infused into the proprietary AirCool® Memory Foam formula.
- TruTemp™ Technology absorbs, stores and releases excess warmth.

##### Benefits:

- Helps keep you in a comfortable temperature zone for a more restorative nights sleep.
- Enhanced airflow to dissipate heat.
- Provides exceptional pressure-relief with the soothing comfort of gel embedded in the foam.
- Better airflow than standard cores.

#### AirCool® Transflexion® Core - *ComforPedic*

##### Features:

- Patented process designed to ensure comfort and support for life of the mattress.

##### Benefits:

- Consistent comfort throughout the life of the mattress.
- Better airflow than standard cores.

#### AirFeel™ (Quiltlux) - *Simmons*

##### Features:

- Opens cell structure for greater airflow.
- Premium super soft polyurethane foam.
- Lowest ILD for cushioning support.

##### Benefits:

- Utilized in quilting layers to create Pillow Top and Summit Top comfort levels.
- Consistent internal cell structure for enhanced performance.
- Durability for the life of the mattress.

#### Blended Latex - *Simmons*

##### Features:

- A polyurethane foam enhanced with latex for airflow and support.

##### Benefits:

- Utilized in upholstery for cushion and support.
- Provides superior airflow throughout the foam.

#### Celestra®

##### Feature:

- Fabric made of point-bonded polypropylene fibers.

##### Benefits:

- Stitched to the bottom of the quilt panel to encase quilting foam layers.
- Durability for the life of the mattress.

#### EnergyFoam® (P-85 1.2 lb 28 ILD)

##### Features:

- Heavy grade polyurethane foam.
- High ILD for firmness.

##### Benefits:

- Utilized below the coil unit to help create a supportive, durable foundation for the No-Flip mattress design.
- Helps absorb motion and shock from the sleep surface.
- Helps create Firm Comfort Levels when used in the upholstery layers.
- Durability for the life of the mattress.



### Independent Support® Technology (IST) - ComforPedic

**Features:**

- Rows of sculpted cushions that respond independently to your shape.

**Benefits:**

- Provides personalized support.

### Luxury Firm Comfort Foam (P-28)

**Features:**

- Low ILD polyurethane foams for soft feels.
- Utilized in a number of constructions for luxurious softness and support.

**Benefits:**

- Durable polyurethane foam with a low ILD for softness.
- Helps create Plush and Pillow Top Comfort Levels.
- Durability for the life of the mattress.

### Luxury Firm Comfort Foam (L-30)

**Features:**

- Firm polyurethane foam to support the sleep surface.

**Benefits:**

- Multiple uses throughout the mattress.
- Helps create a variety of feels when used in combination with low ILD foams.
- Durability for the life of the mattress.

### Luxury Firm Comfort Foam (LF-22)

**Features:**

- Used in quilting layers for softness and support.
- High quality heavyweight foam.

**Benefits:**

- Durable polyurethane luxury foam with a low ILD for softness.
- Durability for the life of the mattress.

### Multi-Action™ Support Layer

**Features:**

- Multiple layers work in unison to provide support.

**Benefits:**

- Open cell construction for maximum breathability.
- Helps keep you in a comfortable temperature zone for a restorative night's sleep.

### GelTouch™ (P10 with GelTouch™)

**Features:**

- Uniform distribution of gel throughout the foam for comfort and support.

**Benefits:**

- Provides support.
- Provides good airflow and breathability.

### Plush Comfort Foam (P11)

**Feature:**

- Low ILD polyurethane foam for a plush/firm feel.
- Utilized in a number of constructions for luxurious softness and support.

**Benefits:**

- Durable polyurethane foam with a low ILD for softness.
- Helps create Plush and Pillow Top Comfort Levels.
- Durability for the life of the mattress.

### TruTemp™ Gel (P10 PCM) - Synaprem

**Features:**

- Polyurethane foam with phase change material for temperature management.
- TruTemp™ Technology absorbs, stores and releases excess warmth to help keep you cool.

**Benefits:**

- Helps keep you in a comfortable temperature zone for a more restorative nights sleep.

### QuantumLock™ - Synaprem

**Features:**

- Non-woven durable material.

**Benefits:**

- Increased performance without sacrificing feel.
- For Foam Rail Integrity in all Total Surround BeautyEdge® foam encased constructions.

### Ventilated AirCool® BeautyEdge - Synaprem Foam Encasement & AirCool® Edge - ComforPedic

**Features:**

- Allows more air to escape than the traditional edge.

**Benefits:**

- Enhances airflow for cool and comfortable sleep.

