

## Soft Home Applications




The threads recommended on the tables following this page are the most common thread types and sizes used by manufacturers around the world. The A&E thread products mentioned in the tables following this page are as follows:

<b>A&amp;E Brand</b>	<b>Description</b>
<b>Perma Core<sup>®</sup></b>	Polyester Wrapped Poly Core
<b>Perma Spun<sup>®</sup>, Excell<sup>®</sup></b>	Spun Polyester
<b>Wildcat Plus<sup>®</sup></b>	Textured (bulked) Polyester
<b>Anefil<sup>®</sup> STX Poly</b>	Twisted Multifilament Polyester - Soft
<b>Anefil<sup>®</sup> Nylon /Poly BT</b>	Twisted Multifilament Bonded
<b>Anequilt<sup>®</sup></b>	100% Nylon Monocord
<b>Clearlon<sup>®</sup></b>	100% Nylon Monofilament

Figure 1. A&E Thread Products

## Bedding

### Pillow Cases

Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
<b>Hem:</b> 301 Lockstitch Seams 	<b>Needles &amp; Bobbin:</b> T-24 or T-30 Perma Core®	T-27 or T-40 Perma Spun®
401 Chainstitch Hems 	<b>Alternative Loper:</b> T-21 Perma Spun® or T-24 / T-35 Wildcat Plus®	<b>Alternative Loper:</b> T-21 Perma Spun®
<b>Seam:</b> 514-Thread Overedge 516-5-Thread Safetystitch 	T-24 Perma Core®	T-27 Perma Spun®
	<b>Alternative Loper:</b> T-24 /T-35 Wildcat Plus®	<b>Alternative Loper:</b> T-24 /T-35 Wildcat Plus®

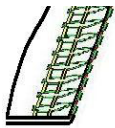

### Pillows - Decorative

Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
301 Lockstitch Seam	T-45 Anefil® Nylon / Poly	T-40 Perma Spun®
	<b>Alternative:</b> T-40 Perma Core®	<b>Alternative:</b> T-60 Perma Spun



### PillowShams

Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
301 Lockstitch Seams & Topstitch	T-30 & T40 Perma Core®	T-40 Perma Spun®
401 Chainstitch Seams	T-30 & T40 Perma Core®	T-40 Perma Spun®
	<b>Alternative Loopers:</b> T-27 or T-40 Perma Spun®	<b>Alternative Loopers:</b> T-27 Perma Spun®

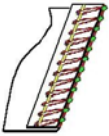



### Pillow Bed

Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
<b>Internal Seams:</b> 514 Overedge Stitch 	T-24 Perma Core®	T-27 Perma Spun®
	<b>Alternative Loper:</b> T-27 Perma Spun® or T-35 Wildcat Plus®	<b>Alternative Loper:</b> T-21 Perma Spun®
<b>Set Binding/Piping &amp; Topstitch:</b> 301 Lockstitch 	T-24 or T-30 Perma Core®	T-27 or T-40 Perma Spun®


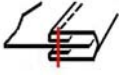

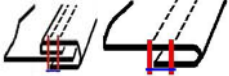
### Sheets - Flat

Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
<b>Hemming Edges:</b> 301 Lockstitch		T-24 Perma Core®
401 Chainstitch		T-27 Perma Spun®
	<b>Alternative Loopers:</b> T-21 Perma Spun® or T-24 Wildcat Plus®	<b>Alternative Loper:</b> T-21 Perma Spun®



### Sheets-Fitted

Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
<b>Attaching Elastic:</b> 504 1N 3-Thread Overedge		T-27 Perma Spun®
514 2N 4T-thread Overedge	<b>Alternative:</b> T-24 & T-35 Wildcat Plus®	Alternative Loper: T-21 Perma Spun®
<b>Hemming Edges with Elastic:</b> 301 Lockstitch		T-27 Perma Spun®
401 Chainstitch	<b>Alternative Loper:</b> T-24 Wildcat Plus®	<b>Alternative Loper:</b> T-21 Perma Spun®
<b>Corners:</b> 301 Lockstitch		<b>Needles &amp; Bobbins:</b> T-24 Perma Core®
516 - 5-Thread Safetystitch	T-27 Perma Spun	T-27 Perma Spun
514 2N 4-thread Overedge		<b>Alternative Loper:</b> T-21 Perma Spun®
	<b>Alternative Loper:</b> T-24 or T-35 Wildcat Plus®	

### Blankets

Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
<b>Hem:</b> 301		T-27 or T-40 Perma Spun®
<b>Bind Edges:</b> 304 Zig Zag Lockstitch Seams		T-24 or T-30 Perma Core®
<b>Merrow Blanket Stitch Edge:</b>		T-120 up to T-210 Spun Poly
<b>Bind or Hem Edges:</b> 406 2N Bottom Coverstitch		T-27 Perma Spun®
	<b>Alternative Loopers:</b> T-21 Perma Spun® or T-35 Wildcat Plus®	<b>Alternative Loper:</b> T-21 Perma Spun® or T-24 Wildcat Plus®

**Comforters / Duvets / Bedspreads**


Operation and/ or Stitch Type	Where <u>SEAM QUALITY</u> is Critical	Where <u>PRICE POINT</u> is the Major Consideration
<b>Attach Fiberfill to Shell</b> 301 Lockstitch	T-24 or T-30 Perma Core®	T-27 or T-40 Perma Spun®
<b>Close Sides</b> 516 Safetystitch Seams	 T-24 or T-30 Perma Core® Alternative: Loopers - 27 Perma Spun®	T-27 or T-40 Perma Spun®
<b>Turn &amp; Close End</b> 301 Lockstitch Seams	 T-24 or T-30 Perma Core®	T-27 or T-40 Perma Spun®
<b>Single Ndl. Scroll Quilt</b> 301 Lockstitch	T-27 Anequilt® Alternative : T-24 or T-30 Perma Core®	T-27 Perma Spun®
<b>Multi Needle Quilting</b> 301 Lockstitch	T-24 or T-30 Perma Core® Alternative: T-24 or T-30 Perma Core®	T-27 or T-40 Perma Spun®

## Window Coverings

### Curtains and Valances (Kitchen and Bath)





Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
<b>Hem &amp; Seaming:</b> 301 Lockstitch Seams	T-24 or T-30 Perma Core®	T-27 or T-40 Perma Spun®
<b>Hem &amp; Seaming:</b> 401 Chainstitch Seams	T-24 or T-30 Perma Core®  <b>Alternative Loper:</b> T-21 or T-27 Perma Spun®	T-27 Perma Spun®  <b>Alternative Loper:</b> T-21 Perma Spun®

### Drapes



Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
<b>Hem &amp; Seaming:</b> 301 Lockstitch Seams	T-24 or T-30 Perma Core®	T-27 or T-40 Perma Spun®
<b>Blindstitch Bottom:</b> 103 Stitch 	T-24 Perma Core®  <b>Alternative:</b> T-35 or T-45 Clearlon®	T-27 Perma Spun®  <b>Alternative:</b> T-35 or T-45 Clearlon®

## Kitchen


### Napkins and Table Clothes

Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
<b>Hem Edges:</b> 301 Lockstitch 	T-24 or T-30 Perma Core®	T-27 or T-30 Perma Spun®
401 Chainstitch 	T-24 or T-30 Perma Core®	T-27 Perma Spun®
Pearl Edge – 504/505 Overedge - Matte Stitch 	T-24 Perma Core	T-27 Perma Spun®
Pearl Edge – 504/505 Overedge - High Sheen 	Tkt. 40 Super Brite Poly (trilobal poly)	Tkt. 40 Super Brite Poly (trilobal poly) or T-35 Wildcat Plus®
	<b>Alternative Loopers:</b> T-21 Perma Spun or T-35 Wildcat Plus®	<b>Alternative Loopers:</b> T-21 Perma Spun® or T-24 Wildcat Plus®
	<b>Alternative Loopers:</b> T-21 Perma Spun or T-35 Wildcat Plus®	<b>Alternative Loopers:</b> T-21 Perma Spun®

### Placemats



Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
Purl" Stitch – 504/505 Stitch 	T-24 Perma Core	T-27 Perma Spun®
Bind edges - 301 Lockstitch 	<b>Alternative Loopers:</b> T-21 Perma Spun or T-35 Wildcat Plus® T-30 or T-40 Perma Core®	<b>Alternative Loopers:</b> T-21 Perma Spun® T-27 or T-40 Perma Spun®

### Oven Mitts and Potholders


Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
<b>Stitch &amp; Topstitch:</b> 301 Lockstitch Seams, Binding Edges 	T-40 Nomex® <b>Alternative:</b> T-40 D-Core®	T-27 or T-40 Perma Spun®

## Bath



### Towels and Hand Towels

Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
<b>Hem:</b> 301 Chainstitch Seam 	T-24 or T-30 Perma Core®	T-27 or T-40 Perma Spun®
401 Lockstitch Seams 	T-24 or T-30 Perma Core®	T-27 Perma Spun®

### Wash Clothes

Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
504 /505 Three Thrd. Overedge Seams 	T-24 Perma Core® <b>Alternative:</b> T-35 Wildcat-Plus®	T-27 Perma Spun® <b>Alternative:</b> T-35 Wildcat-Plus®

### Shower Curtains

Operation and/ or Stitch Type	Where <b>SEAM QUALITY</b> is Critical	Where <b>PRICE POINT</b> is the Major Consideration
<b>Hem:</b> 301 Lockstitch Seams 	T-24 or T-30 Perma Core®	T-27 Perma Spun®
301 Lockstitch Seams 	T-24 or T-30 Perma Core®	T-27 Perma Spun®