



Towel & Tissue Solutions





Smarter Solutions for Every Industry

Solaris Paper provides essential products through extraordinary solutions to meet the needs of a wide variety of industries. Regardless of what industry you're in, you need products that provide hygiene, comfort, waste reduction and cost efficiencies – while also being environmentally friendly. Solaris Paper delivers all of that and more.



We're More than Great Paper

Welcome to Solaris Paper®. We're extremely proud of the products we manufacture and distribute. Paper towel and tissue products that are whiter, brighter, softer, greener and just plain smarter. And, dispensing systems that bring hygiene, reliability and fashionable flair to your workplace. But, our superior products only tell part of what makes Solaris Paper smarter. We're not interested in being just another supplier. We strive to be an ally – a trusted resource you can count on to deliver personalized service and a commitment to excellence. Now that's smart.

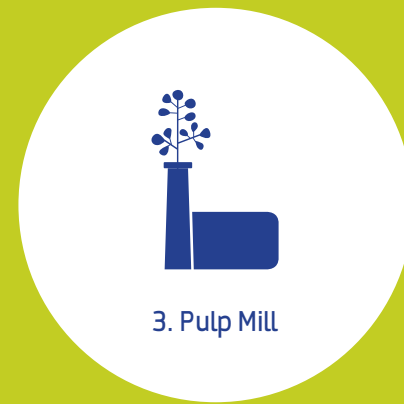
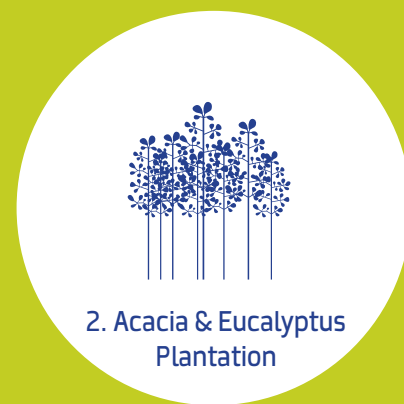


What Makes Us Smarter

It's easy to say Solaris Paper is smarter. It's a statement we fully believe. But, we also back it up with real reasons why we believe it's true.

A SMARTER APPROACH

Vertically Integrated From Plantation to Finished Product



Smarter Paper

Our sustainability model, based on Rapidly Renewable Fiber (RRF) and our commitment to Zero Deforestation, results in premium paper that brings home-like comfort and reliability to the away-from-home market. Smarter paper means a whiter, brighter, softer and greener product that exceeds customer satisfaction.

Smarter Products

Solaris Paper is about more than just paper. We also offer a full line of dispensing systems for both towels and tissue. Delivering both power and polish, Nvi® Advanced Dispensing Systems are designed to improve hygiene and enhance the image of your washrooms. Through smart, innovative and cost effective products, Solaris Paper brings technology and design into your building and your business.

Smarter Business Practices

But perhaps most of all, we believe the way we do business makes Solaris Paper the smarter choice. Everything we do is designed to make it easier and more convenient for you to work with us – a refreshing change of pace for the paper industry. At Solaris Paper, we're not interested in being just another supplier. We strive to be an ally and a partner. A trusted resource you can count on to not just deliver what's expected, but to go beyond for personalized service and a commitment to excellence that distinguishes Solaris Paper from other companies.

Our Smarter Approach is based on our vertically integrated business model. From forestry R&D through converting in the U.S.A., our integrated approach gives us greater control of our products, adds efficiencies at every step and allows for greater flexibility in how we do business with our customers. All of which helps make your job easier and strengthens our successful partnership.

Now that's smart.

See For Yourself

For a full explanation on sustainable RRF, our Zero Deforestation commitment, and how Solaris Paper and Asia Pulp & Paper (APP) are working together to make sourcing smarter, please visit SolarisPaper.com or contact your Solaris Paper representative for a Smarter Paper demonstration.

Call 1-888-998-4778 or email info@solarispaper.com

Discover Rapidly Renewable Fiber (RRF)

The High Quality, Cost-Effective and Sustainable Option

Committed to Sustainability

As an industry leader in RRF development for many years, Solaris Paper is firmly committed to sustainably sourced products and supporting operations. And our sustainability programs extend well beyond our own operations to those of our strategic suppliers, including our strategic fiber supply partner, Asia Pulp & Paper (APP).

- › APP is committed to Zero Deforestation (ZD), protection of High Conservation Value Forests

(HCVF) in the world's most critical regions, restoring forests, reduction of carbon emissions and gained climate benefits.

- › APP is a leading visionary Partner Company with the United Nations - New York Declaration on Forests with National Governments, NGO's, CSO's, other leading Global Companies and Indigenous Peoples who have aligned their commitment to collectively slow, halt and reverse global forest loss while simultaneously enhancing food security for all.*

Discover Rapidly Renewable Fiber (RRF)

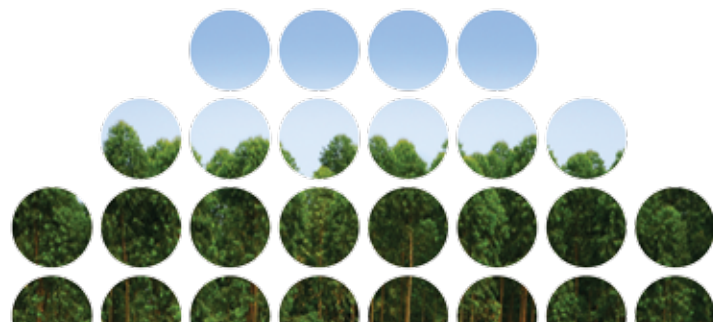
Rapidly Renewable Fiber is produced from trees with a significantly shorter life cycle allowing them to be harvested in six to eight years, and replenished quickly. RRF has long been a core value of environmental thinkers, including the U.S. EPA.

Solaris Paper and APP have led the way in the industry by using Eucalyptus and Acacia trees, which can be harvested every six years. Other alternative fibers being classified as rapidly renewable, like agricultural residues such as wheat, and even most species of bamboo (with some exceptions), aren't the best starting materials for making soft, white towel and tissue product.

Environmental & Product Benefits

RRF offers an alternative that replaces the traditional recycle stream with a source of virgin grown fiber that is free of the waste collection and re-processing footprint carried by post-consumer recycled fiber. When the quality and economics of RRF are compared to recycled products, RRF offers the better value proposition.

- › Recognized as environmentally preferred raw materials by the U.S. EPA and U.S. Green Building Council (USGBC).**
- › Quick replenishment makes RRF a smarter and sustainable choice.
- › Towel and tissue product derived from virgin RRF provides a premium quality, wonderfully soft, bright and white end-product.
- › Electronic media continues to drive down the world supply and availability of waste paper for recycling. The quality of base recycled content is being compromised and costs are increasing.
- › Avoids the extra energy footprint and toxic chemical contamination added during collection and re-processing in de-inking plants with recycled waste paper.



Zero Deforestation - It's All About Sustainability

Harvesting trees from natural forests is becoming obsolete. The better practice is to leave natural forests alone as stable habitats for diverse animal and plant species. We can save those environments and reduce total carbon emissions by halting deforestation and restoring forests.

Solaris Paper, in cooperation with APP, promotes a better practice of responsibly grown and managed RRF plantations; renewing the resource by utilizing already cleared acreage and replanting fast-growing trees. And, APP has committed to restoration and conservation of 2.4 million acres of Indonesian forests. This groundbreaking initiative has been developed with input from many stakeholders, including WWF, Greenpeace and NGO members of APP's Solutions Working Group.



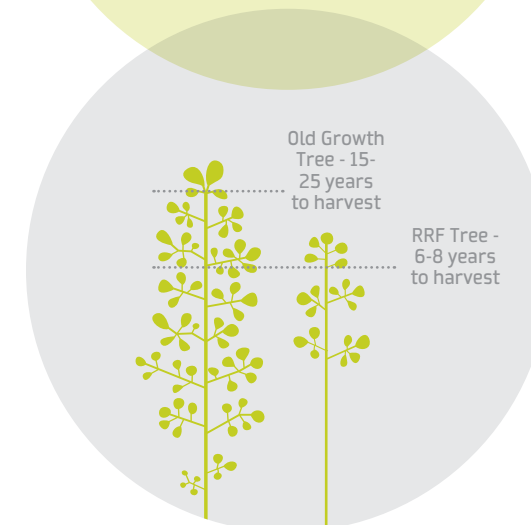
Green Buildings and LEED

Solaris Paper meets the requirements of the U.S. Green Building Council's LEED standards. Reference EQc7 of LEED EBOM v4 and IEQc3.3 of LEED EBOM 2009 (v3).



Rapidly Renewable Fiber

Solaris Paper uses Eucalyptus and Acacia trees, which can be responsibly harvested every six years, for more than 80%* of our base product on average. Through our suppliers' cultivation of fast growing virgin RRF, we offer a clear and environmentally responsible product alternative to those that are manufactured from, or include a large percentage of base fiber sourced from old growth forests.



Top 10 Reasons to Spec RRF Products from Solaris Paper

1. LEED compliant
2. Responsibly harvested under ideal growing conditions
3. Delivers unmatched strength and softness
4. Rapid tissue dispersibility in water
5. Greater towel wet strength
6. No need for Optical Brightening Agents (OBA)
7. Increased efficiency with improved product performance
8. Reduced energy footprint
9. Secure supply of RRF based products
10. An innovative and environmentally responsible option supported by our Zero Deforestation Commitment for purchasing & procurement professionals

* Source: New York Declaration on Forests, Climate Summit 2014 - United Nations Headquarters, New York, N.Y., U.S.A., September 2014.

** Source: USGBC LEED EBOM Standards compliance pathway defined in EQc7 LEED EBOM v4 and IEQc3.3 of 2009 LEED EBOM v3.

* The remaining 20% is from production forests certified as sustainable through the Programme for the Endorsement of Forest Certification (PEFC), the largest forestry certification organization in the world.

Nvi[®] Advanced Dispensing Systems

Make your washroom smarter with Nvi Advanced Dispensing Systems. Our revolutionary designs improve hygiene and reduce unnecessary waste – all with a wave of your hand.

We knew there was a better way. Nvi dispensers are changing the modern washroom. And because all Nvi systems use high-capacity Nvi LoCor[®] towels and tissue, you save money on change outs, too. Now that's smart.



Learn more about Nvi LoCor on page 12.

Smarter Solutions with Nvi Dispensing Systems

- › Reliable and durable mechanics
- › Low-maintenance
- › Modern designs upgrade the look of any washroom
- › Available in stylish Stainless Steel, Classic Black or Clean White finishes
- › Touch-free dispensing reduces the spread of germs
- › Extended battery life
- › High-capacity system helps lower costs by reducing waste and labor
- › Patented electronics provide unmatched performance
- › Meets ADA guidelines when properly installed



Hand Towel Dispensers



NUMBER	D68001	D68002	D68003	D68004	D68005	D68006	D68012-CENTER
DESCRIPTION	Electronic Hard Wound Roll Towel Dispenser	Electronic Hard Wound Roll Towel Dispenser	Electronic Hard Wound Roll Towel Dispenser	Manual Hands Free Towel Dispenser	Manual Hands Free Towel Dispenser	Manual Hands Free Towel Dispenser	Recessed Manual Hands Free Towel Dispenser
FINISH	Stainless Steel	White	Black	Stainless Steel	White	Black	Stainless Steel
DIMENSIONS	12.20" x 15.75" x 9.60"	12.20" x 15.75" x 9.60"	12.20" x 15.75" x 9.60"	12.20" x 15.75" x 9.60"	12.20" x 15.75" x 9.60"	12.20" x 15.75" x 9.60"	14.20" x 17.92" x 10.00"
ITEM/CASE	1	1	1	1	1	1	1



NUMBER	D68011-CENTER	D68011-RIGHT	D68011-LEFT	D69001	D69002	D69003
DESCRIPTION	Recessed Electronic Hard Wound Roll Towel Dispenser	Recessed Electronic Hard Wound Roll Towel Dispenser	Recessed Electronic Hard Wound Roll Towel Dispenser	Nvi® RiteFold® Towel Dispenser	Nvi® RiteFold® Towel Dispenser	Nvi® RiteFold® Towel Dispenser
FINISH	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	White	Black
DIMENSIONS	14.20" x 17.92" x 10.00"	14.20" x 17.92" x 10.00"	14.20" x 17.92" x 10.00"	13.82" x 15.00" x 4.98"	13.82" x 15.00" x 4.98"	13.82" x 15.00" x 4.98"
ITEM/CASE	1	1	1	1	1	1

Bath Tissue Dispensers



NUMBER	D67001	D67002	D67003	D67011	D67012	D67013
DESCRIPTION	Electronic Bath Tissue Dispenser	Electronic Bath Tissue Dispenser	Electronic Bath Tissue Dispenser	Manual Bath Tissue Dispenser (top-down)	Manual Bath Tissue Dispenser (top-down)	Manual Bath Tissue Dispenser (top-down)
FINISH	Stainless Steel	White	Black	Stainless Steel	White	Black
DIMENSIONS	7.87" x 9.13" x 6.14"	7.87" x 9.13" x 6.14"	7.29" x 13.38" x 6.32"	7.29" x 13.38" x 6.32"	7.29" x 13.38" x 6.32"	7.29" x 13.38" x 6.32"
ITEM/CASE	1	1	1	1	1	1

Bath Tissue Dispensers (Continued)



NUMBER	D67021	D67022	D67023	D67031	D67033
DESCRIPTION	Manual Bath Tissue Dispenser (side-by-side)	Manual Bath Tissue Dispenser (side-by-side)	Manual Bath Tissue Dispenser (side-by-side)	Manual Jumbo Bath Tissue Dispenser	Manual Jumbo Bath Tissue Dispenser
FINISH	Stainless Steel	White	Black	Stainless Steel	Black
DIMENSIONS	12.20" x 7.68" x 6.89"	12.20" x 7.68" x 6.89"	12.20" x 7.68" x 6.89"	14.85" x 10.47" x 5.48"	14.85" x 10.47" x 5.48"
ITEM/CASE	1	1	1	1	1

Nvi® Spindle Adapters



NUMBER	D66001	D66003	D66004	D66005
DESCRIPTION	Universal Multi-Fold Towel Adapter	BT SP-4001 Top - Down Dispenser Adapter - Bobrick (2 spindles & 1 roller plate per set)	BT SP-4002 Top - Down Dispenser Adapter - ASI (2 spindles & 1 roller plate per set)	BT SP-4003 Top - Down Dispenser Adapter - Bradley (2 spindles & 1 roller plate per set)
FINISH	N/A	N/A	N/A	N/A
DIMENSIONS	11.00" x 1.35" x 3.75"	5.70" x 1.41" x 1.41"	5.73" x 1.41" x 1.41"	5.70" x 1.41" x 1.41"
ITEM/CASE	50	100 sets	100 sets	100 sets



NUMBER	D66006	D66007	D66008	D80000
DESCRIPTION	BT SP-4004 Standard Dispenser Adapter (2 spindles per set)	BT SP-4005 Standard Dispenser Adapter - Narrow (2 spindles per set)	BT SP-4006 Large Dispenser Adapter	Standard Bath Tissue Spacer (4 spacers per set)
FINISH	N/A	N/A	Stainless	N/A
DIMENSIONS	6.50" x .50" x .50"	6.00" x .50" x .50"	5.57" x 6.16" x 3.38"	1.97" x .85"
ITEM/CASE	100 sets	100 sets	2	90 sets

Nvi® LoCor® Towels and Tissue

More on the Core

When it comes to greater efficiency, we went to the core of the problem and came up with a better way – a smaller core. This allows for more product on each roll – 100% more! Doubling the capacity and reducing roll replacements which, in turn, reduces labor costs making it ideal for replacing standard tissue rolls. With innovative tissue adaptors, most all commercial Bobrick and Bradley dispensers and residential type fixtures can be converted to accommodate Nvi LoCor Tissue. Adding capacity, reducing labor costs and increasing quality has never been so easy.

The Nvi LoCor Advantage

- › Smaller bath tissue core allows for 100% more product on each roll
- › Use paper down to the core
- › Easily replace standard tissue rolls with adapters
- › High-quality, towel and tissue products that meet LEED standards
- › Reduces labor costs through fewer roll replacements
- › Increase storage with fewer product cases
- › Less product, core and packaging waste



More Product

Nvi LoCor has 100% more tissue on a roll compared to standard tissue rolls. That's double the product – which adds up to big savings in both capacity and labor costs.



Less Waste

You can use LoCor down to the core – unlike other leading products. Thanks to a small, rigid core, LoCor is more stable during shipping. So there's less damage during transit and handling.

Nvi® LoCor® Towel and Tissue Products

	Bath Tissue		MultiFold Towels	Hard Wound Roll Towels				
NUMBER	26821	26822	50861	46896	46897	46898	46899	46900
DESCRIPTION	Nvi® LoCor® Bath Tissue	Nvi® LoCor® Jumbo Bath Tissue	Nvi® LoCor® RiteFold® Towel	Nvi® LoCor® Hard Wound Roll Towel (Mid Premium)	Nvi® LoCor® Hard Wound Roll Towel (Mid Premium)	Nvi® LoCor® Hard Wound Roll Towel (Economy)	Nvi® LoCor® Hard Wound Roll Towel (Premium)	Nvi® LoCor® Hard Wound Roll Towel (Premium)
COLOR	White	White	White	White	White	White	White	White
PLY	2	2	1	1	1	1	1	1
EMBOSS	Plain	Plain	Full	Full	Full	Full	Full	Full
SIZE (W x L)	3.85" x 4.05"	3.3" x 1200"	10.55" x 9.45"	8" x 800'	7" x 800'	7" x 700'	7" x 600'	8" x 600'
COUNT	1000 sts.	1200 ft.	220 sts.	800 ft.	800 ft.	700 ft.	600 ft.	600 ft.
ITEMS/CASE	36 rolls	12 rolls	10 pks.	6 rolls	6 rolls	6 rolls	6 rolls	6 rolls
TOTAL CASE	36,000 sts.	14,400 ft.	2,200 sts.	4,800 ft.	4,800 ft.	4,200 ft.	3,600 ft.	3,600 ft.



Where Smarter Solutions Meet Smarter Paper



Smarter Delivery

- › Reliable electronic and manual dispensing
- › Maximize washroom efficiency
- › Reduce operational costs
- › ADA compliant when properly installed
- › Earned the Arthritis Foundation's Ease-of-Use Commendation* for bath tissue dispensing

Smarter Hygiene

- › Reduce cross-contamination
- › Minimize product and packaging waste
- › Strong and absorbent towels and tissue improve overall hygiene throughout facility
- › Sustainable paper products

Smarter Washrooms

- › Enhance image with modern designs
- › Cut labor and maintenance costs
- › Ideal for high traffic areas in all industries
- › Earn LEED points for paper derived from rapidly renewable resources**

* Products with the Arthritis Foundation's Ease-of-Use Commendation are tested and proven to make daily tasks easier. Learn more at arthritis.org/easeofuse.

** Nvi LoCor towel products meet the requirements of USGBC's LEED standards. Our paper towels are derived from rapidly renewable resources, a compliance pathway defined in EQc7 (Environmental Quality, credit 7) of LEED EBOM v4.

Get More with Nvi LoCor Towels & Tissue

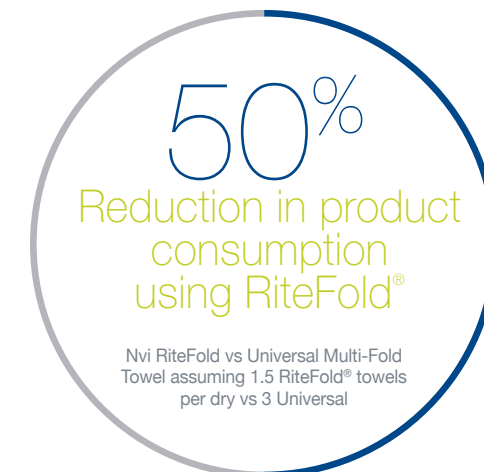
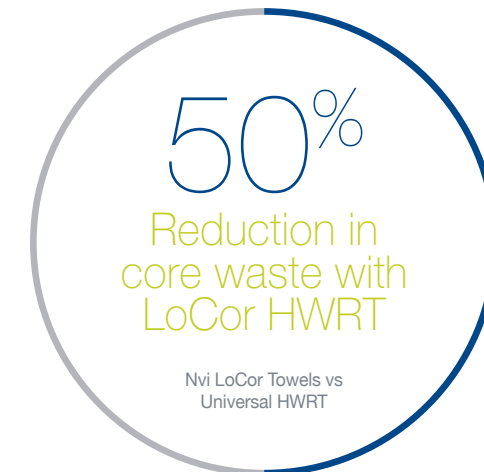
Improved quality, labor savings, less waste and lower cost are all possible with Nvi LoCor products. Our LoCor towels and tissue consistently exceed economic and environmental standards, giving you a superior alternative in away-from-home towel and tissue products. Sourcing Rapidly Renewable Fiber (RRF) for our products is part of our commitment to zero deforestation and the use of sustainable resources.



Thurs



Ours





Quality You Can Feel

Live it up with Livi® VPG, our supreme line of high quality towel and tissue products. Livi VPG delivers exceptional comfort, softness, strength and absorbency for the most discerning customers. With an expanded line of products, Livi VPG delivers the power of choice to customers who want to optimize their usage.

Clean upscale packaging easily coordinates with any décor and enhances the look of your facility. Livi VPG is sure to impress your users with solid performance at a great value.

Livi® VPG

Like all the Solaris Paper brands, Livi VPG delivers environmentally sound products sourced from Virgin Plantation Grown, Rapidly Renewable Fiber (RRF). So you get the same whiter, brighter, softer, greener and smarter towels and tissue – with enhanced comfort and strength.

Livi® VPG products

	Bath Tissue				Facial Tissue		
NUMBER	21556	21545	21547	21549	23501	11513	11516
DESCRIPTION	Livi® VPG Select Bath Tissue	Livi® VPG Bath Tissue	Livi® VPG Bath Tissue	Livi® VPG Bath Tissue	Livi® VPG Jumbo Bath Tissue	Livi® VPG Facial Tissue	Livi® VPG Facial Tissue
COLOR	White	White	White	White	White	White	White
PLY	2	2	2	1	2	2	2
EMBOSS	Livi Leaf	Livi Leaf	Livi Leaf	Plain	Plain	Plain	Plain
SIZE (W x L)	4.49" x 3.98"	4.49" x 3.98"	4.06" x 3.75"	4.06" x 3.98"	3.3" x 1000'	8.37" x 8.07"	8.37" x 8.07"
COUNT	500 sts.	500 sts.	500 sts.	1000 sts.	1000 ft.	100 sts.	90 sts.
ITEMS/CASE	60 rolls	80 rolls	80 rolls	80 rolls	12 rolls	30 pks.	36 pks.
TOTAL CASE	30,000 sts.	40,000 sts.	40,000 sts.	80,000 sts.	12,000 ft.	3,000 sts.	3,240 sts.

	MultiFold Towels	Hard Wound Roll Towels		Center Pull Towels	Kitchen Roll Towels		
NUMBER	43514	46529	46530	45507	41504	41506	41510
DESCRIPTION	Livi® VPG MultiFold Towel	Livi® VPG Hard Wound Roll Towel	Livi® VPG Hard Wound Roll Towel	Livi® VPG Center Pull Towel	Livi® VPG Kitchen Roll Towel	Livi® VPG Jumbo Kitchen Roll Towel	Livi® VPG Select Kitchen Roll Towel
COLOR	White	White	White	White	White	White	White
PLY	1	1	1	2	2	2	3
EMBOSS	Full	Full	Full	Full	Wheel	Wheel	Wheel
SIZE (W x L)	9.06" x 9.45"	8" x 800'	8" x 600'	7.4" x 10.9"	11" x 9"	11" x 9"	11" x 9"
COUNT	250 sts.	800 ft.	600 ft.	660 sts.	85 sts.	250 sts.	90 sts.
ITEMS/CASE	16 pks.	6 rolls	6 rolls	6 rolls	30 rolls	12 rolls	30 rolls
TOTAL CASE	4,000 sts.	4,800 ft.	3,600 ft.	3,960 sts.	2,550 sts.	3,000 sts.	2,700 sts.



Livi[®] Basic

Quality and Value

Get affordability without sacrificing quality with Livi[®] Basic. Livi Basic provides the performance and softness your patrons enjoy along with the affordability and practicality you're looking for. And, because Livi Basic towels and tissue are made using Rapidly Renewable Fiber (RRF), it's a smart choice for the environment, too.



Livi[®] Basic products



	Bath Tissue			Center Pull Towels		MultiFold Towels	Kitchen Roll Towels	
NUMBER	21722	21724	21724*	23724	23725	45784	43513	41741
DESCRIPTION	Livi [®] Basic Bath Tissue	Livi [®] Basic Bath Tissue	Livi [®] Basic Bath Tissue	Livi [®] Basic Jumbo Bath Tissue	Livi [®] Basic Jumbo Bath Tissue	Livi [®] Basic Center Pull Towel	Livi [®] MultiFold Towel	Livi [®] Kitchen Roll Towel
COLOR	White	White	White	White	White	White	White	White
PLY	2	2	2	2	2	2	1	2
EMBOSS	Livi Leaf	Livi Leaf	Livi Leaf	Full/Circle	Full/Circle	Full	Full	Wheel
SIZE (W x L)	4.06" x 3.74"	4.06" x 3.66"	4.06" x 3.54"	3.3" x 850'	3.3" x 600'	6.9" x 10.9"	9.06" x 9.45"	11" x 9"
COUNT	400 sts.	500 sts.	500 sts.	850 ft.	600 ft.	605 sts.	250 sts.	70 sts.
ITEMS/CASE	96 rolls	96 rolls	96 rolls	12 rolls	12 rolls	6 rolls	16 pks.	30 pks.
TOTAL CASE	38,400 sts.	48,000 sts.	48,000 sts.	10,200 ft.	7,200 ft.	3,630 sts.	4,000 sts.	2,100 sts.

*East of Rockies

The Sensible Solution

Making the right choices when it comes to selecting the right towels and tissue products for your washroom comes down to two things: practicality and value. Livi Basic offers the safest choice when considering the most practical products that deliver the greatest economical value. True to its brand promise, Livi Basic offers better quality and greater value than competitive products in this class. Livi Basic. The sensible choice.



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