



VINIflow™



Detergent Tap



Mustang™



Aeroflow™



Water Butt



Smooth Flow Lever Tap

Creative Dispensing Solutions
In-Stock 2018

About Us

The Plastics Division is a fast-growing unit of DS Smith Plc. Our portfolio of products includes flexible packaging and dispensing solutions, rigid packaging and foam products. DS Smith Plastics works with many of the world's leading companies in a diverse range of industries and markets. Wherever packaging and distribution are important factors in the business mix, the Plastics Division can help customers promote efficiency and improve their competitive advantage.

Global Reach

DS Smith is located around the world and continues to expand internationally through organic growth and selective acquisitions. We operate in North America, Europe and Australasia with sales offices that are supported by an extensive network of agents and distributors around the world, including in Asia and South America. DS Smith has the ability to design and manufacture components in house to supply products anywhere in the world to customers who greatly benefit from having a seamless international supplier.



Worldwide Dispensers™

Worldwide Dispensers, a part of DS Smith, Plastics Division, is a global leader in high quality precision moulding and custom dispensing solutions and continues to operate at the forefront of global developments in liquid packaging. For more than 40 years, we have supported our clients with custom dispensing taps, closures, fluid connectors, medical components, fitments and contract manufacturing that fulfill our customers' needs and deliver impressive results. With a passion for our customers' success, Worldwide Dispensers aims to provide expertise to start-up companies and the world's leading consumer, bio-pharmaceutical and industrial organizations. As business continues to grow, we keep our focus on updating and expanding our facilities including a major expansion of our Lester Prairie, MN USA location in 2018.

Rapak®

Rapak, a part of DS Smith, Plastics Division, is a global leader in manufacturing bags, fitments and filling machines for liquid packaging applications. As a sister company to Worldwide Dispensers, Rapak has the capabilities to assemble Worldwide Dispensers supplied components in-house to be applied to bags for Bag-in-Box and Urn-liners™.

Worldwide Dispensers™ specializes in high quality precision moulding dispensers for liquids including **custom** designed and popular **in-stock** solutions.

High Quality Manufacturing

Injection Moulding & Assembly

Our state-of-the-art, automated high precision injection moulding equipment, along with our extensive experience in both injection moulding and assembly, allow us to provide the best quality and price competitive components.

Testing & Quality Control

Our labs are fitted with the latest technologies in testing equipment to ensure that our products exceed performance requirements. We stringently analyze our finished products, completing tests in precision tolerance (levels of $\pm .001$ pending material), process validation studies and dimensional inspection. We fulfill leak testing, first article inspections, control charting, custom inspection plans and statistical tracking software (CpK, GR&R studies). Gauging, touch CMM and video CMM are also completed.

Worldwide Dispensers is dedicated to meeting the highest standards of sanitation, hygiene and safety for all our products and services. All our dispensers conform to current FDA and European food contact legislation. We continually strive to improve our processes and stay current with all procedures and certifications.

North America

- ISO 9001:2015 Certified
- ISO 14001:2015 Certified
- Interstate Milk Shippers (IMS) Certified
- Clean Room Certified to ISO Class 7 (Class 10,000), Operating at ISO Class 8 (Class 100,000)
- MNSHARP - Minnesota Safety and Health Achievement Recognition Program
- MN Governors Safety Award for Superior Performance

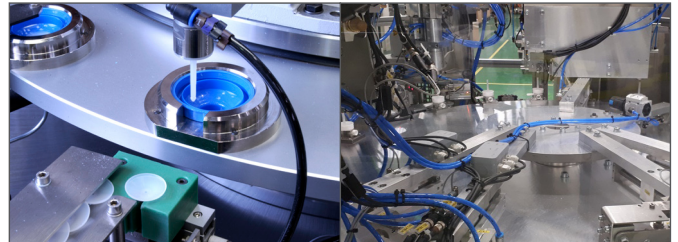
Europe

- FDA/IMS Compliance
- ISO 9001:2008 Certified
- BRC/IOP (British Retail Consortium) Global Standard for Packaging and Packaging Materials

Technology & Characteristics

Advancement in innovations and technologies allows us to create effective standard and customized dispensing solutions. Our designs feature the following proven and reliable technology and characteristics:

- Simple, intuitive attributes
- Color coded actuators and components for visual identification, including custom Pantone color matching
- A variance of methods to control product flow
- Automatic shut-off with minimal post-drip
- Available tamper evident features



Custom Design







































































































































































Customers work directly with our full-service Project Management and Product Development teams to discuss new product requirements and development ideas. Our expert group of engineers and designers has a vast knowledge of new technologies and materials and can offer original, creative and functional solutions to take your project from conception to production with:

- CAD Rendering models of parts and components
- 3D printing within 24 hours
- Rapid prototype development with CNC machines
- Certified clean rooms
- MOCON Ox-Tran Model 2/61 - Oxygen transmission testing
- AutoDesk Moldflow simulation software for predicting and analyzing molding concepts
- Epson Scara robotic cell - Low Volume automated assembly

In-Stock

Liquid Dispensing Solutions

As experts in liquid dispensing, we take all facets of performance into consideration when designing and manufacturing fluid systems. This includes viscosity ranges, oxygen barrier, air return, flow rate, leakage, tamper resistance, controlled dosing and extended shelf life. We manufacture a variety of popular dispensers and complementary fitments, spouts and adapters for flexible and rigid containers.

Products			Container				Capacity			Markets				
Page Number		Manufactured	Flexible	Stand-up Pouch	Rigid	0-20 L	Above 20L	IBC	Beverage	Liquid Food	Garden	Household	Chemicals	
	Dispensers													
4-8	Lever Taps													
	QuickServe™ Taps (QST)													
	AeroFlow™													
	Smooth Flow													
	Jumbo													
	Water Butt													
9	Twist Taps													
	TruTap													
	ValuTap													
	Grande ValuTap													
10-14	Self Closing Taps													
	VINItap™													
	VINIflow™													
	Mustang™													
	Additional Taps													
	Caps, Fitments & Glands/Spouts													
15-18	Fitments													
	Snap Caps													
	Screw Caps & Other Caps													
	Pouring Caps													
19-20	Tube Caps & Adapters													
21-22	Aseptic Assemblies													
23	Intermediate Bulk Container Valves													
24-28	Glands/Spouts													
29	Gland/Spout Assemblies													
30	Additional Assemblies													
31	Line Side Connectors													
32-33	Accessories													
34	Sustainability													

Please note: Lead times are dependent on manufacturing location. Please contact your Regional Sales Representative for more information.









QuickServe™ Taps

Description: Easy action lever taps with the 8mm spigot.

Flow Rate: Up to 72 ml/sec (8mm opening) and 155 ml/sec (12mm opening)

Markets: Beverage, liquid food, household and chemicals

Typical Containers: Suitable for rigid and semi-rigid (i.e. Cubitainer®) containers and Bag-in-Box.

	Code EU	252402
	Manufactured	
	Description	QST Standard Spigot
	Color	White
	Size	8mm Spigot opening
	Back End Type	38mm Screw Ring
	Recommended Fitments	201506 Spout
	Containers	Cubitainers and Bag-in-Box
	Code EU	255101
	Manufactured	
	Description	QST Standard spigot
	Color	White
	Size	8mm Spigot opening
	Back End Type	Push-in
	Recommended Fitments	201529 Spout and customer caps, where it will need a "Cut" version of Code 201000
	Containers	Rigid containers
	Code EU	255830
	Manufactured	
	Description	QST Standard Spigot
	Color	White
	Size	8mm Spigot opening
	Back End Type	Screw-in
	Recommended Fitments	3/4" (inch) BSP threaded hole + 201703 white washer
	Containers	Rigid containers
	Code EU	255551
	Manufactured	
	Description	QST Standard Spigot
	Color	White
	Size	8mm Spigot opening
	Back End Type	Screw-in
	Recommended Fitments	3/4" (inch) BSP threaded hole
	Containers	Rigid containers









Aeroflow™

Description: Air-returning lever taps designed for metal or plastic, single-opening containers from 5L to 200L. Gives an effortless, 'glug' free dispense with no hazard, no waste and no need for secondary venting.

Flow Rate: Up to 70ml/sec when fully opened, with the possibility to control the dispense rate by turning the lever accordingly.

Market: Food products, chemicals and viscous liquids

Typical Containers: Large, rigid single-opening (non-vented) containers up to 200L

	Code EU	251204
	Manufactured	
	Description	Aeroflow™ Lever Tap 1.6 Pe
	Color	Natural/Red
	Back End Type	Push-in with locking ring and washer for a 29mm clearance hole
	Recommended Fitments	External customer caps
	Code EU	251205
	Manufactured	
	Description	Aeroflow™ Lever Tap 1.6 Pe
	Color	Natural/White
	Back End Type	Push-in with locking ring and washer for a 29mm clearance hole
	Recommended Fitments	External customer caps
	Code EU	251804
	Manufactured	
	Description	Aeroflow™ Lever Tap with 3/4" Short Adapter
	Color	Natural/Red
	Back End Type	Screw-in
	Recommended Fitments	3/4" BSP taper thread socket + white washer
	Code EU	251451/251461
	Manufactured	
	Description	Aeroflow™ Lever Tap
	Color	Natural/Red
	Back End Type	Screw ring 51/61
	Recommended Fitments	DIN38/DIN45/DIN51/DIN61 Screw thread
	Containers	Rigid containers

Smooth Flow

Description: Compact, air-returning lever taps designed for small, single-opening containers from 3L to 10L. With a divider molded into the 12mm spigot bore, the Smooth Flow separates the liquid and air streams ensuring safe and convenient dispensing of liquids without 'glug' from small blown bottles, jerry cans or glass demijohns.

Flow Rate: Up to 30ml/sec

Markets: Beverage, liquid food, household and chemicals

Typical Containers: Jerry cans and smaller rigid containers

	Code EU	258007
	Manufactured	
	Description	Smooth Flow Lever Tap 1.6 Pe
	Color	Natural + White spigot + Blue plug
	Size	12mm Spigot opening
	Back End Type	Push-in for a 29 mm clearance hole. (Must have the sleeve & optional rubber washer)
	Recommended Fitments	External customer caps
	Containers	Jerry cans and smaller rigid containers
	Code EU	258473
	Manufactured	
	Description	Smooth Flow Lever Tap
	Color	Natural + White spigot + Blue plug + White Washer
	Size	12mm Spigot opening
	Back End Type	38mm Screw Ring
	Recommended Fitments	201506 38mm Spout
	Containers	Jerry cans and smaller rigid containers
	Code EU	258464
	Manufactured	
	Description	Smooth Flow Lever Tap
	Color	Natural + White spigot + White plug
	Size	12mm Spigot opening
	Back End Type	38mm Screw Ring
	Recommended Fitments	201506 38mm Spout + White Washer
	Containers	Jerry cans and smaller rigid containers
	Code EU	258012
	Manufactured	
	Description	Smooth Flow Lever Tap
	Color	Natural + White spigot + Blue plug
	Size	12mm Spigot opening
	Back End Type	Snap fit for screw ring
	Recommended Fitments	200408 38mm Screw ring
	Containers	Jerry cans and smaller rigid containers

Jumbo Taps

Description: Easy-action lever taps with an 18mm spigot bore and no air return. These are ideal for more viscous liquids.

Flow Rate: Up to 296ml/sec

Markets: Beverage, liquid food, garden, household and chemicals

Typical Containers: Rigid containers such as jerry cans, drums, barrels and water butts

	Code EU	250450
	Manufactured	
	Description	Jumbo Lever Tap
	Color	Natural/Red
	Size	18mm Spigot opening
	Back End Type	38mm Screw ring
	Recommended Fitments	201506 Spout
	Containers	Rigid containers
	Code EU	250655
	Manufactured	
	Description	Jumbo Hex Short Thread Lever Tap
	Color	Natural/Red
	Size	18mm Spigot opening
	Back End Type	Screw-in
	Recommended Fitments	Jerry cans with 3/4" BSP tapped holes
	Containers	Jerry cans
	Code EU	250667
	Manufactured	
	Description	Jumbo Hex Long Thread Lever Tap
	Color	Black + Black washer
	Size	18mm Spigot opening
	Back End Type	27mm Clearance hole + fixing nut
	Recommended Fitments	Required: 202015 fixing nut
	Containers	Water butts or barrels
	Code EU	250660
	Manufactured	
	Description	Jumbo Hex Long Thread
	Color	Natural/Red
	Size	18mm Spigot opening
	Back End Type	27mm Clearance hole + fixing nut
	Recommended Fitments	Required: 202004 fixing nut
	Containers	Barrel or drum where back is accessible to fixing nut







Water Butts

Description: Durable, smooth-action lever taps for gardening and household applications. The hose version is to be used with quick connect system where the nozzle remains static and the spigot can be operated freely without twisting the hose.

Flow Rate: Up to 150ml/sec

Market: Garden and household

Typical Containers: Water butts, drums, fermenter and home-brew barrels







	Code EU	406129
	Manufactured	
	Description	Water Butt Tap Short
	Color	Black + Black washer
	Size	3/4" BSP
	Back End Type	Screw-in
	Containers	Water butts, drums, fermenter and home-brew barrels
	Code EU	406130
	Manufactured	
	Description	Water Butt Tap Long Thread + Hose Connect
	Color	Black + Black washer
	Size	3/4" BSP
	Back End Type	Screw-in
	Containers	Water butts, drums, fermenter and home-brew barrels
	Code EU	406131
	Manufactured	
	Description	Water Butt Tap Long Thread + Hose connect + Two Black Washers + Black Nut
	Color	Black + Black washer
	Size	3/4" BSP
	Back End Type	Screw-in
	Containers	Water butts, drums, fermenter and home-brew barrels

Twist Taps

Description: Excellent oxygen barrier with precision valve shut off and ergonomic top twist operation. They feature no leak and no drip designs.

Markets: Beverage, liquid foods, household and chemicals

Typical Containers: Bag-in-Box/Stand-up pouch

	Code USA	800350 TruTap
	Manufactured	
	Description	Excellent oxygen barrier with precision valve shut off
	Color	Black
	Back End Type	Push-in
	Recommended Fitments	800360 Bag-in-Box applications 800494 Stand-up pouch applications
	Containers	Bag-in-Box and Stand-up pouches
	Code USA	800212 ValuTap
	Manufactured	
	Description	Disposable twist tap for continuous hygienic dispensing
	Color	Black twist cap + Natural spigot
	Containers	Bag-in-Box
	Code USA	800127 Grande ValuTap
	Manufactured	
	Description	Clean shut off valve and no leak/no drip design
	Color	Black twist tap + Natural spigot
	Back End Type	38mm Screw Ring
	Recommended Fitments	800014
	Containers	Bag-in-Box

Self Closing Taps

Description: Top pull tap manufactured for single handed, self closing applications to ensure an optimized flow rate and an excellent oxygen barrier.

Markets: Beverage and other liquids

Typical Containers: Bag-in-Box/Stand-up pouch and Rigid Containers (with vent)

	Code EU	302938 VINiflow™ Standard w/ Foil TE Seal 302932 VINiflow™ Standard w/o Foil TE Seal
	Manufactured	
	Description	Top Pull Tap, automatic version
	Color	Black body + Red cap
	Back End Type	Push-in
	Recommended Fitments	201662
	Containers	Bag-in-Box
	Code EU	302935 VINiflow™ for Edible Oil
	Manufactured	
	Description	Top Pull Tap, automatic version
	Color	Black body + Green cap
	Back End Type	Push-in
	Recommended Fitments	201662
	Containers	Bag-in-Box
	Code EU	302937 VINiflow™ for Juice w/ Foil TE Seal 302933 VINiflow™ for Juice w/o Foil TE Seal
	Manufactured	
	Description	Top Pull Tap, automatic version
	Color	Black body + Orange cap
	Back End Type	Push-in
	Recommended Fitments	201662
	Containers	Bag-in-Box
	Code EU	302939 VINiflow™ for Water w/ Foil TE Seal 302936 VINiflow™ for Water w/o Foil TE Seal
	Manufactured	
	Description	Top Pull Tap, automatic version
	Color	White body + Blue cap
	Back End Type	Push-in
	Recommended Fitments	201662
	Containers	Bag-in-Box
	Code EU	302942 VINiflow™ w/ Foil TE Seal 302941 VINiflow™ w/o Foil TE Seal
	Manufactured	
	Description	Top Pull Tap, automatic version
	Color	Black body + Black cap
	Back End Type	Push-in
	Recommended Fitments	201662
	Containers	Bag-in-Box

* Available in custom color configurations and Pantone color match

● Indicates Tamper Evident (TE) Overcap









Push / Self Closing Taps

Description: Front and top push taps manufactured for single handed, self closing applications to ensure an optimized flow rate and an excellent oxygen barrier.

Markets: Beverage and other liquids

Typical Containers: Bag-in-Box/Stand-up pouch and Rigid Containers (with vent)

Push Taps

	Code EU	302096 VINItap™
	Manufactured	
	Description	Top Push Press Tap, tamper evident seal
	Color	Black body + Maroon cap or White body + White button
	Back End Type	Push-in
	Recommended Fitments	201529
	Containers	Bag-in-Box
	Code USA	800658 Mustang™ w/ Foil TE Seal
		800657 Mustang™ w/o Foil TE Seal
	Code EU	306000 Mustang™ w/ Foil TE Seal
	Manufactured	
	Description	Front Push Tap, no leak design
	Color*	Black body + Black button + Maroon cap
	Code USA	800662 Mustang™ w/ Foil TE Seal
		800661 Mustang™ w/o Foil TE Seal
	Manufactured	
	Description	Front Push Tap, no leak design with short back end
	Color*	Black body + Black button + Maroon cap
	Back End Type	Push-in
	Code USA	800532 Mustang™ no cap w/ Foil TE Seal
		800531 Mustang™ no cap w/o Foil TE Seal
	Manufactured	
	Description	Front Push Tap, no leak design
	Color*	Black body + Maroon button
	Back End Type	Push-in
	Recommended Fitments	800360
	Containers	Bag-in-Box

*Available in custom color configurations and Pantone color match


● Indicates Tamper Evident (TE) Overcap

Push / Self Closing Taps

Description: Front push taps manufactured for single handed, self closing applications to ensure an optimized flow rate.

Markets: Beverage and other liquids

Typical Containers: Rigid containers and Bag-in-Box/Stand-up pouch

	Code USA	800539 Mustang™ for Edible Oil w/ Foil TE Seal 800538 Mustang™ for Edible Oil w/o Foil TE Seal
	Manufactured	
	Description	Front Push Tap, no leak design
	Color*	Black body + Black button + Green cap
	Back End Type	Push-in
	Recommended Fitments	800360
	Containers	Bag-in-Box
	Code USA	800576 Mustang™ for Water w/ Foil TE Seal 800575 Mustang™ for Water w/o Foil TE Seal
	Manufactured	
	Description	Front Push Tap, no leak design
	Color*	White body + White button + Blue cap
	Back End Type	Push-in
	Recommended Fitments	800360
	Containers	Bag-in-Box
	Code USA	3048-00A
	Code AP	1040447
	Manufactured	 / Asia Pacific
	Description	Wrightseal 16mm Piercing Tap
	Color	Black body + White button
	Recommended Fitments	16mm Spout (408454/0501060-01A or 4040199)
	Containers	Bag-in-Box

*Available in custom color configurations and Pantone color match

● Indicates Tamper Evident (TE) Overcap

Push / Self Closing Taps

Description: Top push taps manufactured for single handed, self closing applications to ensure an optimized flow rate.

Markets: Household

Typical Containers: Rigid containers and Bag-in-Box/Stand-up pouch

Push Taps



Code USA 800235-Red

Manufactured	
Description	Top Push Tap, typically used for detergents
Color	White body + Red button
Back End Type	40mm Screw Ring
Containers	Rigid Containers



Code USA 800238-Blue

Manufactured	
Description	Top Push Tap, typically used for detergents
Color	White body + Blue button
Back End Type	40mm Screw Ring
Containers	Rigid Containers



Code USA 800373-White

Manufactured	
Description	Top Push Tap, typically used for detergents
Color	White body + White button
Back End Type	40mm Screw Ring
Containers	Rigid Containers



Code USA 800560 Bag-in-Box 800561 Stand-up pouch

Manufactured	
Description	Self-Closing Top Push Tap
Color	White body + Red button
Recommended Fitments	800360 Bag-in-Box applications 800494 Stand-up pouch applications
Containers	Bag-in-Box and Stand-up pouches

Push / Self Closing Taps

Description: Push taps manufactured for single handed, self closing applications to ensure an optimized flow rate.

Markets: Water and other liquids

Typical Containers: Rigid containers and Bag-in-Box



Code USA	302890 Cooler Tap
Manufactured	
Description	Top Push Tap, typically used with Rubbermaid water coolers
Color	Blue body + Black button
Back End Type	5/8" through hole
Recommended Fitments	600037 Nut; 800134 Grommet
Containers	Rigid Containers



Code USA	604047 Cooler Tap
Code EU	302940 Cooler Tap
Manufactured	
Description	Top Push Tap, typically used with Rubbermaid water coolers
Color	White body + Black button
Back End Type	5/8" through hole
Recommended Fitments	600037 Nut; 800134 Grommet
Containers	Rigid Containers



Code USA	800510 Stingray™
Manufactured	
Description	Front Push Tap
Color	Natural body + Transparent overcap
Size	53mm
Back End Type	Customer defined
Containers	Rigid Containers



Code EU	304503 Dumbo Tap
Manufactured	
Description	Air Return Press Tap
Color	Blue body + Transparent cap
Size	53mm Neck Finish
Back End Type	Snap on
Containers	Rigid Containers



Code EU	304504 Lightweight Tap
Manufactured	
Description	Lightweight Air Return Press Tap
Color*	Blue body + Transparent cap
Size	48/41mm Neck Finish
Back End Type	Snap on
Containers	Rigid Containers

*Available in custom color configurations and Pantone color match

Fitments

Description: A wide range of pouring devices and caps for flexible packaging are available.

Markets: Beverage, liquid food, household and chemicals

Typical Containers: Bag-in-Box



Code EU	200230/200234/200245/200247
Manufactured	
Description	Snap Cap
Color	Blue/Red/Natural/White
Size	28mm Nominal
Recommended Spouts	201612/201613/201618/201622



Code EU	200233
Manufactured	
Description	Snap Cap for High Temperature
Color	Natural
Size	28mm Nominal
Recommended Spouts	201608/201613/201618/201622



Code EU	200242
Manufactured	
Description	Snap Cap Two Stage for Final Product Sealing
Color	Blue
Size	28mm Nominal
Recommended Spouts	201618



Code USA	800175
Manufactured	
Description	Snap Cap
Color	Clear
Size	29mm Nominal
Recommended Spouts	800241

Fitments

Description: A wide range of pouring devices and caps for flexible packaging are available.

Markets: Beverage, liquid food, household and chemicals

Typical Containers: Bag-in-Box

	Code USA	800608
	Manufactured	
	Description	Short Cap
	Color	Clear
	Size	30mm Nominal
	Recommended Spouts	800609
	Code EU	200204
	Manufactured	
	Description	Cap 848B
	Color	Blue
	Size	28mm Nominal
	Recommended Spouts	201613/201620/201625/201638
	Code EU	200206
	Manufactured	
	Description	Cap 850R
	Color	Blue
	Size	28mm Nominal
	Recommended Spouts	201620/201624/201638

Fitments

Description: A wide range of pouring devices and caps for flexible packaging are available.

Markets: Beverage, liquid food, household and chemicals

Typical Containers: Bag-in-Box



Code USA	800706
Manufactured	
Description	Pull Ring Adapter with 38mm Screw Cap
Color	Natural + Black cap
Size	31mm Nominal
Recommended Spouts	800137
Containers	Bag-in-Box



Code EU	408651
Manufactured	
Description	Tamper Evident Screw Cap + Adapter Suitable for Aseptic & Non-Aseptic Applications
Color	Natural body + Orange TE Screw Cap
Size	28mm Nominal
Recommended Spouts	201608/201612/201613/201618/201622
Containers	Rigid and Bag-in-Box



Code EU	408650
Manufactured	
Description	Tamper Evident Screw Cap + Adapter Suitable for Aseptic & Non-Aseptic Applications
Color	Natural body + Blue TE Screw Cap
Size	28mm Nominal
Recommended Spouts	201608/201612/201613/201618/201622
Containers	Rigid and Bag-in-Box

Fitments

Description: A wide range of pouring devices and caps for flexible packaging are available.

Markets: Beverage, liquid food, household and chemicals

Typical Containers: Bag-in-Box

	Code EU	200211
	Manufactured	
	Description	Pouring Cap Long Red, Bag-in-Box
	Color	Red
	Size	28mm Nominal
	Recommended Spouts	201612/201618/201622
	Code EU	200212
	Manufactured	
	Description	Pouring Cap Long, Bag-in-Box
	Color	Yellow
	Size	28mm Nominal
	Recommended Spouts	201612/201618/201622
	Code EU	200214
	Manufactured	
	Description	Pouring Cap Long, Bag-in-Box
	Color	Blue
	Size	28mm Nominal
	Recommended Spouts	201612/201618/201622
	Code EU	200213
	Manufactured	
	Description	Pouring Cap Short, Bag-in-Box
	Color	Yellow
	Size	28mm Nominal
	Recommended Spouts	201612/201618/201622
	Code USA	800397
	Manufactured	
	Description	Pouring Cap with Pull Ring
	Color	Yellow
	Size	30mm
	Recommended Glands	800139
	Code USA	800396
	Manufactured	
	Description	Pouring Cap with Pull Ring
	Color	White
	Size	30mm
	Recommended Spouts	800139













Tube Caps & Adapters

Description: Tube caps and adapters for dispensing from Bag-in-Box.

Markets: Dairy, smoothie, juice, and tea

Typical Containers: Bag-in-Box

Tube Caps / Adapters

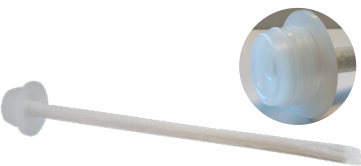

	Code EU	408608/408626/408636
	Manufactured	
	Description	Cap 700, Irradiatable
	Color	Natural
	Size	170/190/210/230mm Tube
	Recommended Spouts	201636/201638
	Code EU	408620/408623
	Manufactured	
	Description	Milk Cap, Irradiatable
	Color	Natural
	Size	170/180/190mm Tube
	Recommended Spouts	201632
	Code EU	408638
	Manufactured	
	Description	Large Bore Tube Adapter, Irradiatable
	Color	Natural
	Size	180mm Tube
	Recommended Spouts	201636
	Code EU	408621/408640
	Manufactured	
	Description	Cap 2000, Irradiatable
	Color	Natural
	Size	190/230mm Tube
	Recommended Spouts	201636/201642
	Code USA	0504091-15A
	Manufactured	
	Description	Tea Urn-liner Tube with Adapter
	Color	Natural
	Size	5.25" Tube
	Recommended Spouts	800167
	Code USA	0504001-04A
	Manufactured	
	Description	Milk Tube - Crimped End, wrapped in plastic
	Color	Natural
	Size	9.5" tube
	Recommended Spouts	800241/800193

Tube Caps & Adapters

Description: Tube caps and adapters for dispensing from Bag-in-Box.

Markets: Dairy, smoothie, juice, and tea

Typical Containers: Bag-in-Box

	Code USA	0504114-00A
	Manufactured	
	Description	Dairy Tube - Crimped End, wrapped in plastic
	Color	Natural
	Size	10" tube
	Recommended Spouts	800609
	Code USA	0504103-01A
	Manufactured	
	Description	Threaded Piercing Tube Assembly, in clear pouch
	Color	Natural
	Size	7.5" tube
	Recommended Spouts	800014

Aseptic Assemblies

Description: An offering of aseptic spouts, plugs and screw-on & snap-on caps.

Markets: Dairy, liquid egg, edible oil, juice and condiments

Typical Containers: Bag-in-Box





	Code EU	408408 Elpo Cap
	Manufactured	
	Description	Elpo Cap Assembly of Low Spout + Plug for high-temperature applications
	Color	Red low spout + Black plug
	Containers	Bag-in-Box
	Code EU/AP	408454 Intasept
	Code USA	0501060 -01A Intasept
	Manufactured	 
	Available	 / Asia Pacific
	Description	16mm Aseptic Spout with double membrane
	Color	Natural + Blue bottom membrane
	Size	16mm Nominal
	Containers	Bag-in-Box
	Code AP	4040199 Intasept
	Manufactured	Asia Pacific
	Description	16mm Rectangular Aseptic Spout with double membrane
	Color	Natural + Printed Yellow Stripe Membranes
	Size	16mm Nominal
	Containers	Bag-in-Box
	Code EU	408455 Intasept
	Manufactured	
	Description	32mm Aseptic Spout with double membrane
	Color	Natural
	Size	32mm Nominal
	Containers	Bag-in-Box
	Code USA	0501056-01A Intasept
	Code AP	1042207 Intasept
	Manufactured	Asia Pacific
	Description	32mm Rectangular Aseptic Spout with double membrane
	Color	Natural + Printed top membrane
	Size	32mm Nominal
	Containers	Bag-in-Box

Aseptic Assemblies

Description: An offering of aseptic spouts, plugs and screw-on & snap-on caps.

Markets: Dairy, liquid egg, edible oil, juice and condiments

Typical Containers: Bag-in-Box

	Code USA	0501679-00A Aseptic Strivo
	Manufactured	
	Description	Aseptic Strivo cap with removable dust cover
	Color	Blue + White
	Recommended	800380 Spout 800501/800462 Accessory
	Containers	Bag-in-Box
	Code USA	0501648-00A Aseptic Smoothie
	Manufactured	
	Description	Aseptic Smoothie cap with removable dust cover
	Color	Blue + White
	Recommended Spouts	800380
	Containers	Bag-in-Box

Intermediate Bulk Container Valves

Description: Integral Intermediate Bulk Container (IBC) 2" Valves

Market: Liquid food, household and chemicals

Typical Containers: IBC



Code EU 352102

Manufactured



Description Integral Valve S60 Type, Irradiatable

Color Blue spout + Orange cap

Size 2" / 50.8mm

Containers IBC



Code EU 352103

Manufactured



Description Integral Valve DIN50 Type, Irradiatable

Color Blue spout + Orange cap

Size 2" / 50.8mm

Containers IBC

Glands / Spouts

Description: Complementary glands/spouts for each type of fitment, tap and dispenser.

Markets: Beverage, liquid food, household and chemicals

Typical Containers: Bag-in-Box

	Code EU	201613
	Manufactured	
	Description	Low Spout
	Color	Red
	Size	28mm Nominal
	Code EU	201608
	Manufactured	
	Description	Low Spout
	Color	Yellow
	Size	28mm Nominal
	Code EU	201636
	Manufactured	
	Description	Low Spout
	Color	Natural
	Size	28mm Nominal
	Code EU	201612
	Manufactured	
	Description	Low Spout DX+SA
	Color	Natural
	Size	28mm Nominal
	Code EU	201642
	Manufactured	
	Description	Jaeger Spout
	Color	Natural
	Size	28mm Nominal
	Code EU	201632
	Manufactured	
	Description	Milk Spout
	Color	Natural
	Size	28mm Nominal

Glands / Spouts

Description: Complementary glands/spouts for each type of fitment, tap and dispenser.

Markets: Beverage, liquid food, household and chemicals

Typical Containers: Bag-in-Box


	Code USA	800241
	Manufactured	
	Description	Short Dairy Spout
	Color	Natural
	Size	29mm Nominal (ID) 33mm Nominal (OD)
	Code USA	800609
	Manufactured	
	Description	Short Spout
	Color	Natural
	Size	30mm Nominal (ID) 36mm Nominal (OD)
	Code EU	201523
	Manufactured	
	Description	Unique Spout
	Color	Natural
	Size	28mm Nominal
	Code USA	800380/800185
	Manufactured	
	Description	Universal Short Spout / High Stress Universal Short Spout
	Color	Natural
	Size	30mm Nominal
	Code USA	800167
	Manufactured	
	Description	Mini Tea Tube Spout
	Color	Natural
	Size	15mm Nominal (ID)

Glands / Spouts

Description: Complementary glands/spouts for each type of fitment, tap and dispenser.

Markets: Beverage, liquid food, household and chemicals

Typical Containers: Bag-in-Box









	Code EU	201618
	Manufactured	
	Description	High Spout
	Color	Natural
	Size	28mm Nominal
	Code EU	201622
	Manufactured	
	Description	High Spout
	Color	Yellow
	Size	28mm Nominal
	Code EU	201506
	Manufactured	
	Description	LLDPE High Spout with No Ratchet
	Color	Natural
	Size	38mm Nominal Thread
	Code USA	800137- LLDPE 800014 - LLDPE/HDPE
	Manufactured	
	Description	Universal Tall Threaded Spout
	Color	Natural
	Size	31mm Nominal (ID) 38mm Nominal Screw Ring (OD)
	Code USA	800139
	Manufactured	
	Description	Pouring Cap Spout
	Color	Natural
	Size	30mm Nominal (ID) 37mm Nominal (OD)
	Code USA	800414/800193
	Manufactured	
	Description	Tall Dairy Spout / High Stress Dairy Spout
	Color	Natural
	Size	33mm Nominal (OD)

Glands / Spouts

Description: Complementary glands/spouts for each type of fitment, tap and dispenser.

Markets: Beverage, liquid food, household and chemicals

Typical Containers: Bag-in-Box

	Code EU	201529
	Manufactured	
	Description	VINItap™ Spout
	Color	Natural
	Size	28mm Nominal
	Code EU	201662
	Manufactured	
	Description	VINIflow™ Spout
	Color	Natural
	Size	28mm Nominal
	Code USA	800360
	Manufactured	
	Description	Mustang™ & TruTap Bag-in-Box Spout
	Color	Natural
	Size	29mm Nominal (ID)
	Code USA	800494
	Manufactured	
	Description	Mustang™ Stand-up Pouch Spout
	Color	Natural
	Size	28mm Nominal (ID)

Glands / Spouts

Description: Complementary glands/spouts for each type of fitment, tap and dispenser.

Markets: Beverage, liquid food, household and chemicals

Typical Containers: Bag-in-Box

	Code USA	600034 - LLDPE 600033 - HDPE
	Manufactured	
	Description	2" Butress Spout
	Color	Natural
	Size	2"
	Code USA	600025
	Code EU	201503
	Manufactured	 
	Description	2" BSP LLDPE Spout
	Color	Natural
	Code EU	201504
	Manufactured	
	Description	2" BSP LLDPE Spout
	Color	Blue
	Size	2" BSP
	Code USA	952237
	Manufactured	
	Description	2" BSP HDPE Spout
	Color	Brick Red
	Size	2" BSP
	Code AP	5000061
	Manufactured	Asia Pacific
	Description	2" Hexagonal Base, Single Thread
	Color	Natural
	Size	2"
	Code AP	5000029
	Manufactured	Asia Pacific
	Description	2" Hexagonal Base, Twin Thread
	Color	Natural
	Size	2"

Gland / Spout Assemblies

Description: Spout assemblies for Bag-in-Box applications

Markets: Beverage, Liquid Food

Typical Containers: Bag-in-Box

	Code USA	800062
	Manufactured	
	Description	PCSS Cap Spout
	Color	Natural
	Recommended Connectors	800555/800558
	Containers	Bag-in-Box
	Code USA	800211
	Manufactured	
	Description	PCSS High Stress Cap Spout
	Color	Tan
	Recommended Connectors	800555/800558
	Containers	Bag-in-Box
	Code USA	800196
	Manufactured	
	Description	Universal Tall Spout with Cap
	Color	Natural body + White cap
	Containers	Bag-in-Box
	Code USA	800343
	Manufactured	
	Description	Tall High Stress Spout with Cap
	Color	Tan body + White Cap
	Containers	Bag-in-Box
	Code EU	408448
	Manufactured	
	Description	Low Spout (201612) + Snap Cap (200247)
	Color	Natural + White Snap Cap
	Containers	Bag-in-Box

Additional Assemblies

Description: Assemblies used for dispensing low and high viscosity liquids

Markets: Beverage

Typical Containers: Bag-in-Box

	Code USA	0501678-00A Strivo
	Manufactured	
	Description	US Strivo cap with removable dust cover
	Color	Blue + White
	Recommended	800414 Spout 800501/800462 Accessory
	Containers	Bag-in-Box
	Code USA	0501645-00A Smoothie
	Manufactured	
	Description	Smoothie cap with removable dust cover
	Color	Blue + White
	Recommended	800241/800414
	Containers	Bag-in-Box
	Code USA	0501647-00A Smoothie
	Manufactured	
	Description	Smoothie Cap with removable pull ring
	Color	Red + White
	Recommended	800241/800414
	Containers	Bag-in-Box
	Code USA	0503096-00A Uny Valve
	Manufactured	
	Description	Fitment with Tamper Evident Removable Cover
	Color	Natural
	Recommended	800609
	Containers	Bag-in-Box
	Code EU	407003
	Manufactured	
	Description	Unique Bagside Valve
	Color	Natural body + Red cap
	Size	28mm Nominal
	Recommended	201523
	Code USA	0503102-00A
	Manufactured	
	Description	Ball Check Valve
	Color	Natural + Red cap
	Recommended	800185
	Containers	Bag-in-Box

Line Side Connectors

Description: Screw-on connecting systems for dispensing liquids from a Bag-in-Box

Markets: Beverage, Liquid Food

Typical Containers: Bag-in-Box

 	Code USA	800555 PCSS+™ 5083-01B - Rapak® PCSS+™
	Manufactured	
	Description	NSF Approved Line Side Connector for Post-Mix Syrup & Juice
	Color	Green + White
	Recommended Fitments	800062/800211
 	Code USA	800558 REOS 5084-00B Rapak® REOS
	Manufactured	
	Description	NSF Approved Line Side Connector for Edible Oil
	Color	Blue + White
	Recommended Fitments	800062
	Code EU	406500
	Manufactured	
	Description	Uny Valve Line Side Connector
	Color	Red + Natural
	Recommended Fitments	800380
	Code EU	407203
	Manufactured	
	Description	Unique Line Side Connector
	Color*	Red + Grey
	Recommended Fitments	407003 - Red Unique Bagside valve
	Containers	Bag-in-Box

*Available in 6 color variants















Accessories

Description: An array of accessories for our taps and fitments.

 	Code USA	800501
	Manufactured	
	Description	Twist & Lock Line Side Connector for Strivo Assembly
	Color	Grey
	Size	1/4"
 	Code USA	800462
	Manufactured	
	Description	Twist & Lock Line Side Connector for Strivo Assembly
	Color	Grey
	Size	1/2"
	Code USA	800544
	Manufactured	
	Description	Twist & Lock Line Side Connector for Strivo Assembly
	Color	Natural
	Size	1/2"
	Code USA	600037
	Code EU	200415
	Manufactured	
	Description	Cooler Tap Nut
	Color	Blue
	Size	5/8" nut, 7/8" hex
	Recommended	302890/604047 - Cooler Tap Assemblies
	Code USA	800134
	Code EU	205340
	Manufactured	
	Description	Cooler Tap Grommet
	Color	Natural
	Size	5/8" (ID), 7/8" seal
	Recommended	302890/604047 - Cooler Tap Assemblies

Accessories

Description: An array of accessories for our taps, fitments, and tubes.

	Code EU	202015
	Manufactured	
	Description	3/4" BSP HDPE Nut
	Color	Black
	Size	3/4" BSP
	Recommended	Fits any parallel thread 3/4" tap
	Code EU	202004
	Manufactured	
	Description	3/4" BSP HDPE Nut
	Color	White
	Size	3/4" BSP
	Recommended	Fits any parallel thread 3/4" tap
	Code USA	800505 Tea Urn Spigot
	Manufactured	
	Description	Pinch Tube Spigot for Tea Dispensing Urn
	Color	Black
	Size	90°
	Recommended	Works with Tea Tube
	Code EU	204678
	Manufactured	
	Description	Jumbo & Aeroflow Tap Dust Cap
	Color	Natural
	Recommended	Fits all Jumbo & Aeroflow
	Code EU	204676
	Availability	
	Description	Aeroflow Nozzle
	Color	Red
	Recommended	Fits all Jumbo & Aeroflow
	Code EU	304008
	Manufactured	
	Description	VINItap™ Connector for commercial dispensing
	Color	Black
	Recommended	Fits on VINItap
	Code EU	352104/352105
	Manufactured	
	Description	C-Clip + Spanner
	Color	Orange
	Recommended Fitments	Integral Valve S60 and DIN50



Our People

Ensuring the safety, wellbeing and development of colleagues and contributing to our communities



Our Environment

Minimising our impact, from design to production and supply to recycling



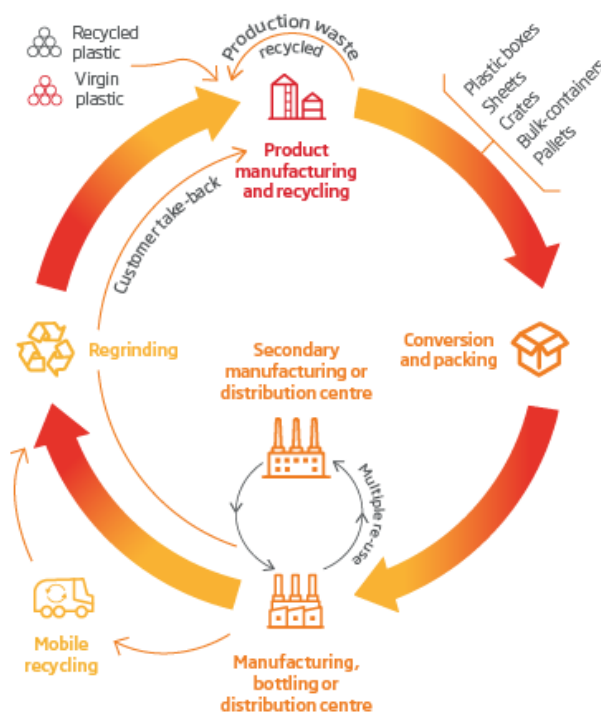
Our Business

Creating shared value through responsible recycling, paper and packaging solutions

Sustainability

Working to be the leading supplier of sustainable packaging solutions

At DS Smith, truly sustainable value is found when balancing the needs of our business, our environment and our people. We continue to progress towards our target of 30% reduction in carbon emissions per tonne of production and our leading achievements continue to be externally recognised. Achievements include EcoVadis Gold award (Top 5% of organisations assessed), CDP (Leadership A in Forests and Water, Management B in Climate Change) and inclusion in sustainable investment portfolios such as FTSE4Good, MSCI and VigeoEiris.



Sustainable Plastic Solutions

In our Plastics Division, sustainability is about designing durable, reusable and recyclable products. Our dispensing solutions, in particular, facilitate efficient fluid storage, preventing leakage, reducing product waste and extending shelf life. Working closely with our customers, we can help build increasingly more sustainable supply chains.

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QuickServe™ Tap



TruTap



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