

























































Caramba X-Line

New washing efficiency all down the line.

caramba

...das wirkt!

		Product description				Technical features				Recommendation for use	
Application	Product	Description			pH value	Density kg/l	Foam height (cm)	Fragrance	Min. dosage (ml/vehicle)	Max. dosage (ml/vehicle)	Pack sizes & item no.
Caramba X-Line											
Pre-cleaner	X-Line – Pre-cleaner	Highly alkaline pre-cleaner for powerful removal of dirt and insects	 		13.8	1.11	23 (1.0 %)	Fresh Sensation	1:10 dilution	1:200 dilution	 8231210025  8231210080  8231210085
Foam	X-Line – Foam – S	Slightly acidic foam wash with excellent wetting properties that is tough on dirt	 		6.0	1.05	>30 (0.5 %)	Ocean Breeze	5	20	 8232210025  8232210080
	X-Line – Foam – N	Neutral foam wash with excellent foaming properties, especially gentle to materials	 		7.5	1.04	>30 (0.5 %)	Fresh Sensation	5	20	 8232110025  8232110080
	X-Line – Foam – A	Slightly alkaline foam wash with excellent foaming properties that is tough on dirt	 		9.5	1.04	>30 (0.5 %)	Persico	10	40	 8232410025  8232410080  8232410085
Shampoo	X-Line – Shampoo – S	Highly acidic shampoo, especially suitable for problems arising from iron-containing water as the phosphoric acid contained in the shampoo binds the iron ions, thereby triggering the water break and drying effect, also does not attack rubber, glass or plastic despite the low pH	 		0.5	1.06	26 (1.0 %)	-	8	20	 8233510025  8233510080
	X-Line – Shampoo – N	Neutral shampoo with excellent wetting properties, especially gentle to materials	 		7.5	1.02	25 (1.0 %)	Fresh Sensation	5	20	 8233110025  8233110080  8233110085
	X-Line – Shampoo – A	Alkaline shampoo with an outstanding brilliant result for optimal drying preparation	 		12.4	1.03	28 (1.0 %)	Persico	5	25	 8233410025  8233410080
	X-Line – Shampoo – P	Slightly acidic shampoo for optimal drying preparation and with a brilliant result that renders small scratches invisible	 		5.1	0.97	>30 (1.0 %)	Ocean Breeze	5	15	 8233210025  8233210080
Drying agent	X-Line – Drying agent	High-performance drying agent that renders the surface hydrophobic and, thus, ensures rapid water break and run-off	 		4.0	0.99	6 (1.0 %)	Fresh Sensation	10	20	 8234110025  8234110080
Preservative	X-Line – Wax – R	High-performance special wax with a triple action: Breaks water in a flash, forms a water- and dirt-repellent protective coating on the paint surface and provides an easy-to-clean effect through long-lasting preservation	 		5.6	0.88	16 (1.0 %)	-	5	20	 8235110025  8235110080
	X-Line – Wax – I	Impregnating wax that provides a long-lasting water- and dirt-repellent protective coating with a deep shine	 		5.6	0.98	6 (1.0 %)	Fresh Sensation	8	30	 8235210025  8235210080
	X-Line – Wax – O	Wax specially developed for use with osmosis water for long-lasting preservation of the paint surface	 		5.0	0.99	5 (1.0 %)	-	5	20	 8236460025
	X-Line – Wax – P	Protective wax for lasting preservation of the paint surface	 		5.1	0.97	5 (1.0 %)	-	8	20	 8235410025
Polish	X-Line – Polish	Brilliant high-performance polish with beading effect, seals small scratches and counteracts staining	 		7.2	1.01	17 (0.1 %)	Fresh Sensation	10	25	 8236110025



NTA-free



Conforms to VDA specifications (German Association of the Automotive Industry):



 25 l | Plastic canister  210 l | Plastic drum  1000 l | IBC container

Caramba E-Line

Score points with environmental aspects.
Convince with wash results.

Caramba Q-Line

Effective, balanced, good:
The cost-efficient alternative.



...das wirkt!

		Product description				Technical features				Recommendation for use		
Application	Product	Description	NTA FREE	VDA	pH value	Density kg/l	Foam height (cm)	Fragrance	Min. dosage (ml/vehicle)	Max. dosage (ml/vehicle)	Pack sizes & term no.	
Caramba E-Line												
Pre-cleaner	E-Line – Pre-cleaner	Alkaline pre-cleaner for powerful removal of dirt and insects, especially gentle to materials (at the working concentration), dye- and fragrance-free			13.3	1.10	22 (1.0 %)	-	1:4 dilution	1:200 dilution	8231240025 8231240080 8231240085	
Foam	E-Line – Foam	Neutral foam wash with excellent foaming properties, dye- and fragrance-free			7.0	1.04	>30 (1.0 %)	-	10	30	823140025 823140080	
Shampoo	E-Line – Shampoo	Neutral brush shampoo with excellent wetting properties, dye- and fragrance-free			7.0	1.01	25 (1.0 %)	-	10	30	8233140025 8233140080	
Drying agent	E-Line – Drying agent	Rapid, thorough and especially environmentally friendly drying agent that gives a brilliant result, dye- and fragrance-free			4.3	0.98	6 (1.0 %)	-	10	20	8234140025 8234140080	
Preservative	E-Line – Wax	Protective wax with a long-lasting water- and dirt-repelling effect, high-gloss finish, dye- and fragrance-free			5.0	0.95	6 (1.0 %)	-	10	25	8235140025 8235140080	
Polish	E-Line – Polish	High-gloss polish that cares for paintwork and facilitates water run-off, dye- and fragrance-free			7.2	1.01	17 (0.1 %)	-	10	25	8236440025	
Caramba Q-Line												
Pre-cleaner	Q-Line – Pre-cleaner	Alkaline pre-cleaner for powerful removal of dirt and insects			13.5	1.10	21 (1.0 %)	Citrus	1:4 dilution	1:200 dilution	8231280025 8231280080 8231280085	
Foam	Q-Line – Foam	Gentle foam wash with excellent foaming properties			8.0	1.02	26 (0.5 %)	Citrus	10	40	8232180025 8232180080	
Shampoo	Q-Line – Shampoo	Neutral shampoo with excellent wetting properties, especially gentle to materials			7.0	1.03	25 (1.0 %)	Citrus	10	30	8233180025 8233180080 8233180085	
Drying agent	Q-Line – Drying agent	Universal drying agent for rapid water break and run-off			4.5	0.98	<4 (1.0 %)	-	20	50	8234180025 8234180080	
Preservative	Q-Line – Wax	Protective wax that gives a brilliant result, leaving the paintwork with a long-lasting seal			4.5	0.98	2 (1.0 %)	-	8	40	8235180025 8235180080 8235180085	



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