

Customer Data Sheet

VERSION 1.1
November 2019

General Technical Information

Spray Head Construction	Majority Polyolefines (PP, PE) + (1) Stainless Steel Spring
Airless Package	Flairosol 2 is airless when left unopened True airless when combined with Non-Removable Lock-Neck Bottle
Spray Capabilities	0.3mm orifice, Continuous, Fine mist, 360° (guaranteed for lock neck)
Pre-Compression Technology	Once primed, no need for re-priming Controlled system pressure and spray performance
Conditions	Ideal dry storage temperature range (10°C/50°F - 30°C/86°F) Minimum application temperature (18°C/64°F)



Product Specifications

Test	Method	Specs
Strokes to prime	Strokes to prime, use water. <i>Supplier Method TPA301</i>	max 10
Flow rate (l/sec)	Measure output/stroke, use water. <i>Supplier Method APAC-WI-FLS2-QA-19</i>	1.2 ± 0.20cc
Spray time	Full stroke, use water. <i>Supplier Method APAC-WI-FLS2-QA-19</i>	1.05 ± 0.2 sec
Spray Pattern	Spray pattern shape. <i>Supplier Method APAC-WI-FLS2-QA-18</i>	Must be round and even, no holes in the pattern
Spray Diameter*	Spray pattern diameter. <i>Supplier Method APAC-WI-FLS2-QA-18</i>	97,5mm (min 70, max 125mm)
Force to actuate	Full stroke, use water	60Nt (min 30, max 70Nt)
Drop Resistance	Bottle and sprayer filled with 300ml water. Bottom drop from 80cm.	No disconnected triggers, dislocated or cracked shrouds
Flashing	Visual inspection	No discomfort during use and no sharp hazards

* may vary depending on liquid used

Additional Available Options

Dispense Head Colors	Standard Colors white or black; For custom colors kindly check with your account manager
Trigger Lock	Ideal to lock the trigger for shipping, e-commerce, etc.
FDA certified	Flairosol is available with FDA 21 CFR 177.1520 certification. Kindly check with your account manager

Testing Conditions

Test Medium	Water
Actuation Rate	60 actuations per minute; full strokes
Life time	5,000 actuations (in laboratory conditions, 60stroke/min)
Temperature	10°-30°C / 50°-86°F

Particle Size Distribution

Test Medium Chlorinated water (0,10%)

Particle Size Distribution			
	Dv (50%)	Dv (90%)	% volume < 10µm
Average	66 ± 10	100 ± 15	< 1

Other

Technical Support For any specific question or technical support needed, kindly contact your account manager