

Certificate of Quality

VWR Catalogue Number	See List
Description	VWR® Braid-Reinforced silicone tubing
Country of Origin	Manufactured in USA
Date of Issue (yyyy-mm-dd)	2021-12-07

VWR Catalogue Number	Inner Dimension × Outer Dimension	Wall thickness
89068-426	0.188 x 0.462"	0.137"
89068-410	0.250 x 0.500"	0.125"
89068-428	0.375 x 0.625"	0.125"
89068-412	0.500 x 0.875"	0.188"
89068-430	0.625 x 0.990"	0.183"

Quality System Compliance

Products are manufactured under the [ISO 9001:2015](#) standard. Products are inspected and controlled through whole production processing in accordance with current applicable product specifications and QC SOP.

QC Testing

Representative products samples are collected and inspected in accordance with current applicable product specifications.

USP Testing	85; 87; 88 (Class VI) 70 C for 24 Hrs; 381; 661; 788
ISO Testing	10993
NSF Listing	Yes 51
3 A Sanitary Procedure	18-3 Class I
FDA Approved Ingredients	21 CFR 177.2600
DMF	NI202 Liner – 27582
European Pharmacopoeia Testing	3.1.9
Clean Room Classification	ISO 7
Temperature Range	–73 to 204°C (–100 to 400°F)

Product Specifications

Material	Platinum cured silicone - Inner liner (ni202) shore 70A natural/ outer cover (NI203) shore 60A natural. Mercury free , conflict mineral free and phthalate free. Fluid path samples of the representative finished product have been tested in accordance with USP 788 Particulate Matter in Injections.
Sterilization	Not applicable.
ATP Assay	Not applicable.
DNase & RNase Free	This product is free of any detectable DNase/RNase contamination.
Melamine Statement	This product is Melamine free.
BSE/TSE	No use of any raw material produced from, or substances derived from animal origin. The manufacturing process of the product does not use any ingredient of animal origin and no material derived from or exposed to animals affected by or under quarantine for transmitting Animal Bovine Spongiform Encephalopathy/Spongiform Encephalopathy (BSE)/(TSE).
Cytotoxicity	Testing is conducted to quality all material resins using USP 87 standards for cytotoxicity and have been shown to be non-toxic.
Non-Pyrogenic Statement	The product has been tested according to ISO 10993-11 and have been shown to be non-pyrogenic.
Latex Statement	The product is Latex free.
BPA Statement	Bisphenols are not used in the manufacture of the raw material and are not expected to be present.
DEHP Statement	Please see RoHS information below.
RoHS	No substances (Lead, Cadmium, Mercury, Hexavalent Chromium (Cr ⁶⁺), Poly Brominated Biphenyls (PBB), Poly Brominated Diphenyl ethers (PBDE), Benzyl Butyl Phthalate (BBP), Dibutyl Phthalate (DBP), Diisobutyl Phthalate (DIBP), DEHP (di(2- ethylhexyl) phthalate)) are used in manufacturing the raw materials and final product. No routinely analyse is performed.
REACH Statement	No substances as listed on >Substance of Very High Concern< candidate list published 2021-07-08 are used in manufacturing of the raw materials used to produce this product. No routinely analyse is performed.

Storage Conditions

Store the product in an inside environment that is dry and free from exposure to direct outside weather influences. The area should have an average ambient temperature of 70°F with average humidity of 50% or less. Lighting should be low UV and low Ozone emitting like incandescent or fluorescent. The area should be neutral of outgassing odours and vapours of materials like solvents, gases, chemicals, and other materials that significantly outgas.

Shelf Life

10 years.

Disclaimer: VWR states that this declaration will not discharge the user from their obligation to ensure the product is suitable for the intended use. The purpose of the product is for use in laboratory only.
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