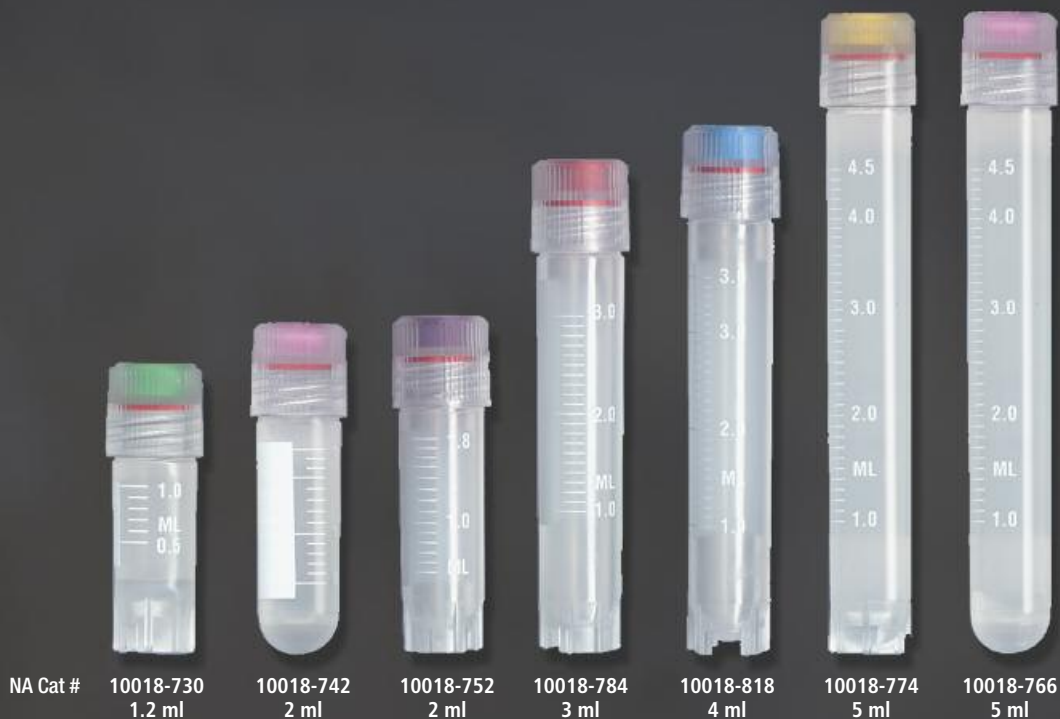


## VWR® CRYOGENIC VIALS

Reaching the  
highest levels  
of quality

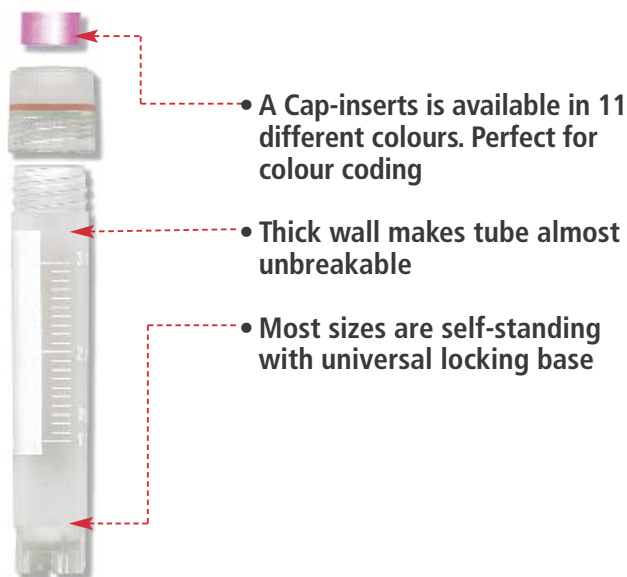


## EXTERNAL THREAD DESIGN WITH LIP AND SILICONE WASHER SEAL

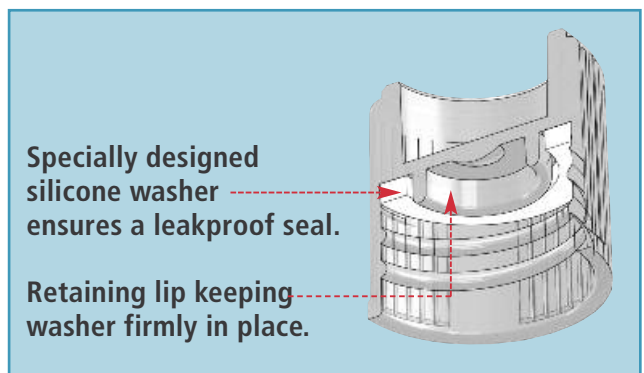


### Made of specially formulated polypropylene

Designed for storing biological material, human or animal cells, at temperatures as low as  $-196^{\circ}\text{C}$ , **but should be used only in the gas phase of liquid nitrogen**. The cap features a long skirt for one-hand aseptic techniques without contributing to possible contamination and a super fast thread design allowing removal or tightening with only  $1\frac{1}{4}$  turn. The combination of the cap lip and silicone washer seal ensures a leakproof seal at the lowest of cryogenic temperatures. Closures and tubes are made of polypropylene, and both have the same coefficient of expansion, further enhancing the leakproof qualities of these vials at various temperatures. Tubes are provided with a white marking area for sample identification and can be colour coded by the use of a VWR® Cap-inserts. The VWR® Cryogenic Vial is compatible with most storage systems. **Only the round bottom vial can be centrifuged up to 17,000g.** Vials are sterilised by gamma radiation and are packaged in unique tamperproof, resealable, safety-lock bags of 100. Autoclavable. Certified DNase, RNase, Pyrogen and DNA free.

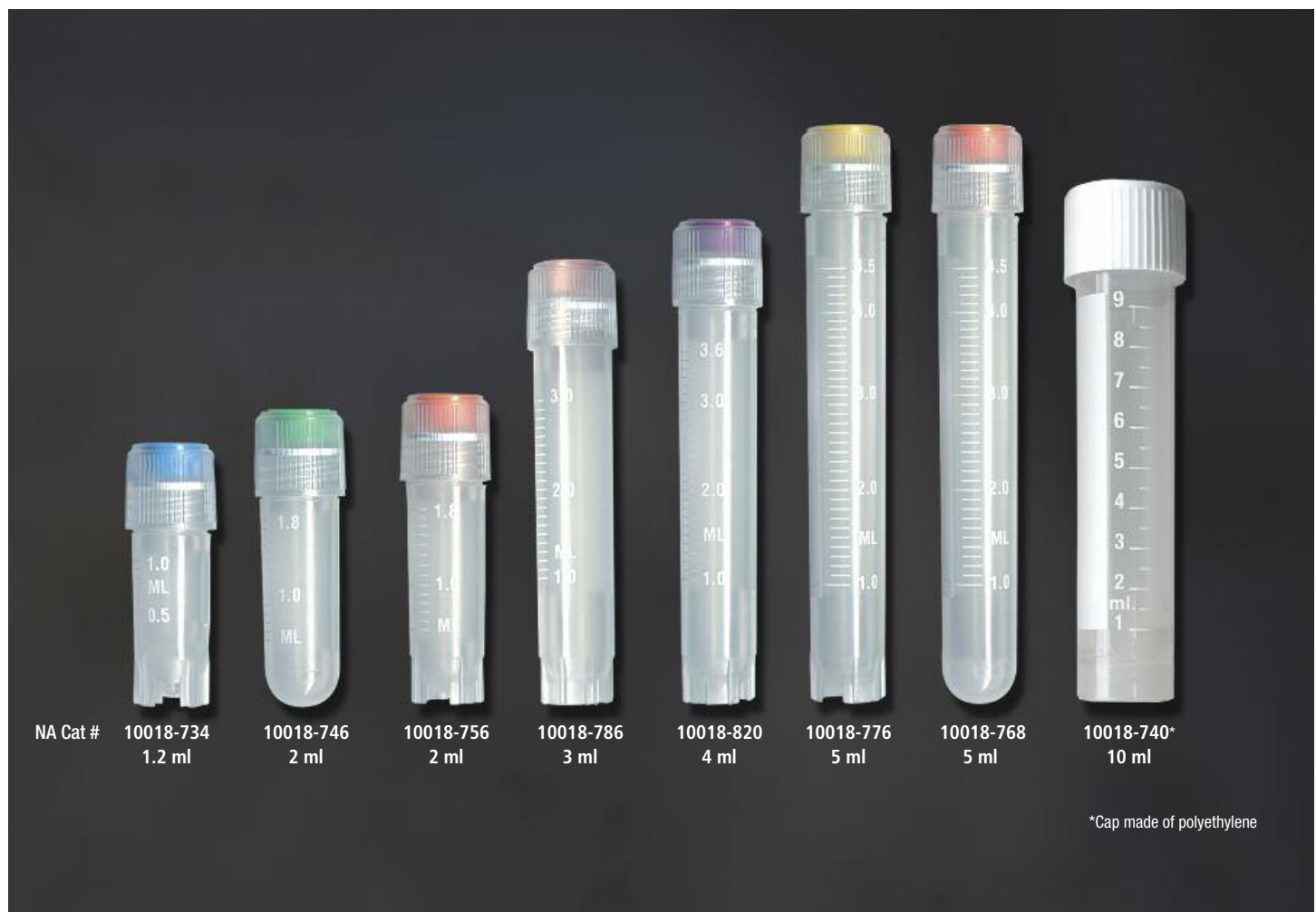


## EXTERNAL THREAD DESIGN WITH SILICONE WASHER SEAL

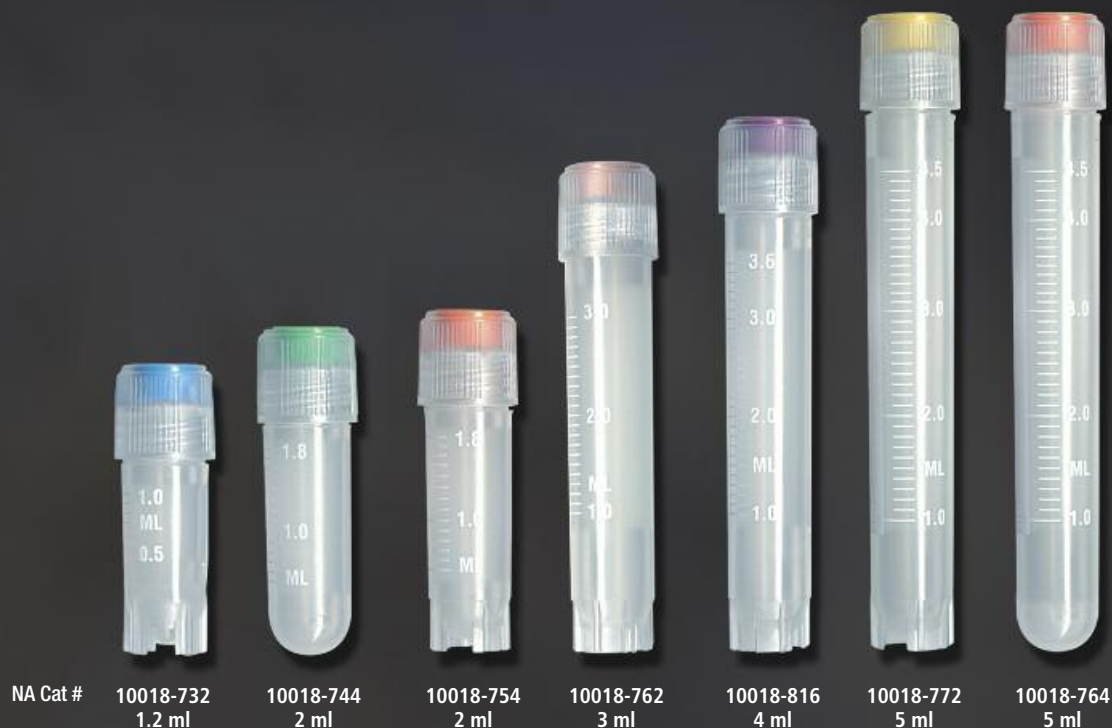


### Made of specially formulated polypropylene

Designed for storing biological material, human or animal cells, at temperatures as low as  $-196^{\circ}\text{C}$  **but should be used only in the gas phase of liquid nitrogen**. The cap features a long skirt for one-hand aseptic techniques without contributing to possible contamination and a super fast thread design allowing removal or tightening with only  $1\frac{1}{4}$  turn. It also features an **exclusive silicone washer fitted inside the cap** to ensure a positive seal even at the lowest cryogenic temperatures. Tubes are provided with a white marking area for sample identification and can be colour coded by using a **VWR® Cap-inserts**. However, please note that no Cap-inserts are available for the 10 ml size. The **VWR® Cryogenic Vial** is compatible with most storage systems. **Only the round bottom vial can be centrifuged up to 17,000g**. Vials are sterilised by gamma radiation and are packaged in unique tamperproof and resealable bags of 100 (10018-740 is in bags of 50). Autoclavable. Certified DNase, RNase, Pyrogen and DNA free.

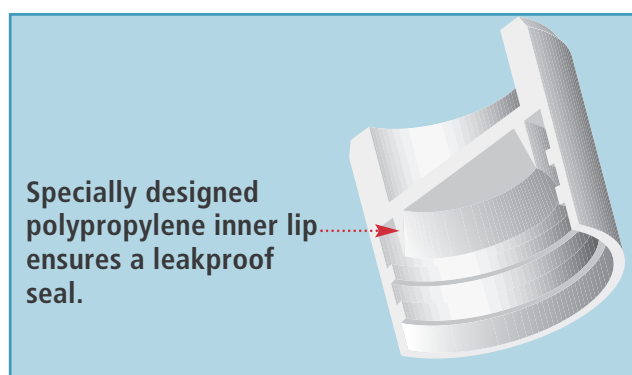


## EXTERNAL THREAD DESIGN WITH LIP SEAL



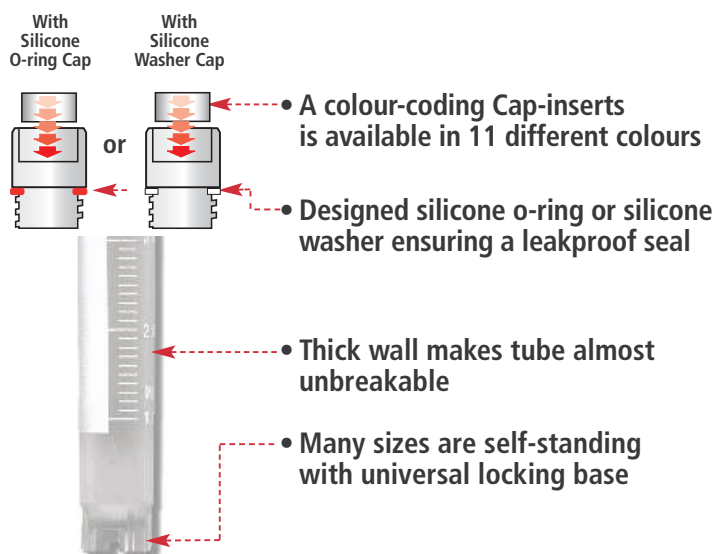
### Made of specially formulated polypropylene

Designed for storing biological material, human or animal cells, at temperatures as low as  $-196^{\circ}\text{C}$ , **but should be used only in the gas phase of liquid nitrogen**. The cap features a long skirt for one-hand aseptic techniques without contributing to possible contamination and a super fast thread design allowing removal or tightening with only  $1\frac{1}{4}$  turn. A specially designed lip inside the cap ensures a leakproof seal even at very low temperatures. Closures and tubes are made of polypropylene, and both have the same coefficient of expansion, further enhancing the leakproof qualities of these vials at various temperatures. Tubes are provided with a white marking area for sample identification and can be colour coded by the use of a **VWR®** Cap-inserts. The **VWR®** Cryogenic Vial is compatible with most storage systems. Only the round bottom vial can be centrifuged up to 17,000g. Vials are sterilised by gamma radiation and are packaged in unique tamperproof, resealable, safety-lock bags of 100. Autoclavable. Certified DNase, RNase, Pyrogen and DNA free.





# INTERNAL THREAD DESIGN WITH EITHER A SILICONE O-RING SEAL OR A WASHER SEAL



## Made of specially formulated polypropylene

Designed for storing biological material, human or animal cells, at temperatures as low as  $-196^{\circ}\text{C}$ , but **should be used only in the gas phase of liquid nitrogen**. Vials are available with either a silicone o-ring or silicone washer seal cap to ensure a positive leakproof seal at all temperatures. A  $1\frac{1}{4}$  turn of the cap is sufficient to seal the vial. Closure and vial are both made of polypropylene with the same coefficient of expansion, ensuring an equally secure seal both at room temperature and at low cryogenic temperatures. Tubes have a white marking area and can be colour coded with a Cap-inserts. The VWR® Cryogenic Vial is compatible with most storage systems. **Only the round bottom vials can be centrifuged up to 17,000g**. Sterilised by gamma radiation and packed in unique tamperproof, resealable, safety-lock bags of 100. Autoclavable. Certified DNase, RNase, Pyrogen and DNA free.

NA Cat #	10018-778 5 ml	10018-770 5 ml	10018-822 4 ml	10018-788 4 ml	10018-748 2 ml	10018-758 2 ml	10018-736 1.2 ml
NA Cat #	10018-738 1.2 ml	10018-760 2 ml	10018-750 2 ml	10018-814 4 ml	10018-824 4 ml	10018-782 5 ml	10018-780 5 ml

# CAP-INSERTS FOR CRYOGENIC VIALS



## Made of polypropylene

Colour coded inserts fit precisely into the cap of the Cryogenic Vial for colour identification.

Cap-inserts VWR® NA Cat. No.	Colour	Pack of
16001-120	White	500
10018-716	Blue	500
10018-722	Red	500
16001-126	Green	500
10018-726	Yellow	500
10018-724	Tan	500
16001-134	Grey	500
10018-720	Lilac	500
10018-718	Burnt Orange	500
16001-140	Violet	500
10018-728	Pink	500

VWR® NA Cat. No.	Colour	Qty/Pk
16001-130	Assortment of colours: white, blue, red, green and yellow	5 bags of 100



## VWR® CRYOGENIC VIALS

Internal Thread Design with a Silicone O-ring Seal				
VWR® NA Cat. No.	Vol. (ml)	Style	Size (mm)	Case of
10018-736	1.2	Self-standing	12.5 x 41	1000
10018-758	2	Self-standing	12.5 x 49	1000
10018-748	2	Round bottom	12.5 x 48	1000
10018-788	4	Round bottom	12.5 x 70	1000
10018-822	4	Self-standing	12.5 x 72	1000
10018-770	5	Round bottom	12.5 x 90	1000
10018-778	5	Self-standing	12.5 x 92	1000

Internal Thread Design with a Silicone Washer Seal				
VWR® NA Cat. No.	Vol. (ml)	Style	Size (mm)	Case of
10018-738	1.2	Self-standing	12.5 x 41	1000
10018-760	2	Self-standing	12.5 x 49	1000
10018-750	2	Round bottom	12.5 x 48	1000
10018-814	4	Round bottom	12.5 x 70	1000
10018-824	4	Self-standing	12.5 x 72	1000
10018-782	5	Round bottom	12.5 x 90	1000
10018-780	5	Self-standing	12.5 x 92	1000

External Thread Design with Silicone Washer Seal				
VWR® NA Cat. No.	Vol. (ml)	Style	Size (mm)	Case of
10018-734	1.2	Self-standing	12.5 x 43	1000
10018-746	2	Round bottom	12.5 x 48	1000
10018-756	2	Self-standing	12.5 x 49	1000
10018-786	3	Self-standing	12.5 x 72	1000
10018-820	4	Self-standing	12.5 x 76	1000
10018-776	5	Self-standing	12.5 x 93	1000
10018-768	5	Round bottom	12.5 x 90	1000
10018-740	10	Self-standing	17 x 84	500

External Thread Design with Lip and Silicone Washer Seal				
VWR® NA Cat. No.	Vol. (ml)	Style	Size (mm)	Case of
10018-730	1.2	Self-standing	12.5 x 43	1000
10018-742	2	Round bottom	12.5 x 48	1000
10018-752	2	Self-standing	12.5 x 49	1000
10018-784	3	Self-standing	12.5 x 72	1000
10018-818	4	Self-standing	12.5 x 76	1000
10018-774	5	Self-standing	12.5 x 93	1000
10018-766	5	Round bottom	12.5 x 90	1000

External Thread Design with Lip Seal				
VWR® NA Cat. No.	Vol. (ml)	Style	Size (mm)	Case of
10018-732	1.2	Self-standing	12.5 x 41	1000
10018-744	2	Round bottom	12.5 x 48	1000
10018-754	2	Self-standing	12.5 x 48	1000
10018-762	3	Self-standing	12.5 x 72	1000
10018-816	4	Self-standing	12.5 x 76	1000
10018-772	5	Self-standing	12.5 x 93	1000
10018-764	5	Round bottom	12.5 x 90	1000



1.800.932.5000 | [vwr.com](http://vwr.com)

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