

NOWPak[®] Canister Diptube

Pre-cleaned, fluoropolymer diptube assembly for NOWPak liner-based canister systems

Maintain purity and process integrity while meeting the requirements of many types of critical materials. The diptubes are designed for use with the NOWPak[®] liner-based canister system and ND-CD or MaxMT[™] dispense connectors.



NDT-TX-X FEP diptube shown with EPDM O-ring

APPLICATIONS

- Diptubes are designed for high-purity returnable canister applications

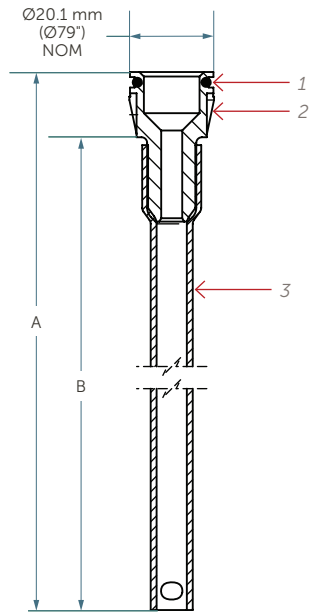
SPECIFICATIONS

Part number	NDT-TX-X	
Materials of construction	Coupler	Injection molded, natural PFA
	Downtube	Extruded, natural FEP
	O-ring seal	EPDM or Chemraz [®]
	Cleanroom bag	PE
Manufacturing standards	Fabricated and tested in a Class 5 Cleanroom as per International Standard ISO 14644-1:1999 Cleanrooms and associated controlled environments – Part 1: Classification of air cleanliness.	
Cleanliness	Diptube assembly to be free from lubricants and other extraneous foreign materials consistent with Entegris processes and procedures.	

FEATURES & BENEFITS

- Pre-cleaned diptube is ready to use, improving efficiency
- Minimizes defects associated with particles and microbubbles
- Enhanced chemical compatibility performance and cleanliness
- Diptubes are reusable, extending product lifetime

DIMENSIONS



Item	Quantity	Description
1	1	O-ring seal
2	1	Coupler
3	1	Downtube
Coupler orifice		4.6 mm (0.18") minimum
Coupler o-ring gland		16.6 mm (0.66")
Downtube outer diameter		9.5 mm (0.38")
Downtube inner diameter		5.9 mm (0.23") minimum
Assembly length		Refer to table below

PART NUMBER

Diptube	Canister	Size	O-ring type	A (Assembly)	B (Downtube)
NDT-T4	NO-04 NO-04-63	4 liter	EPDM	227 mm (8.92")	210 mm (8.27")
NDT-T5	NO-05 NO-05-63	10 liter	EPDM	315 mm (12.40")	298 mm (11.75")
NDT-T5-C	NO-05 NO-05-63	10 liter	Chemraz	315 mm (12.40")	298 mm (11.75")
NDT-T9	NO-09	18 liter	EPDM	547 mm (21.53")	530 mm (20.88")
NDT-T8	NO-08 NO-08-63	19 liter	EPDM	401 mm (15.77")	384 mm (15.12")
NDT-T8-C	NO-08 NO-08-63	19 liter	Chemraz	401 mm (15.77")	384 mm (15.12")
NDT-T7	NO-07	20 liter	EPDM	423 mm (16.65")	406 mm (16.00")
NDT-T7-C	NO-07	20 liter	Chemraz	423 mm (16.65")	406 mm (16.00")
NDT-T40	NO-40 NO-40-63	40 liter	EPDM	637 mm (25.07")	620 mm (24.42")
NDT-T40-C	NO-40 NO-40-63	40 liter	Chemraz	637 mm (25.07")	620 mm (24.42")
NDT-T200-2-E (with 2" fitment)	NO-200	200 liter	EPDM	872 mm (34.35")	856 mm (33.70")
NDT-T200-2-C	NO-200	200 liter	Chemraz	872 mm (34.35")	856 mm (33.70")
NDT-T200-S	NO-200	200 liter	Perfluoroelastomer	872 mm (34.35")	856 mm (33.70")

*Note: Length dimensions are ± 5.0 mm (0.20")

SHIPPING INFORMATION

Labeling Each bag of diptubes is labeled with the part number, description, quantity, and batch number. Each shipping carton is labeled with the part number, description, quantity and batch number.

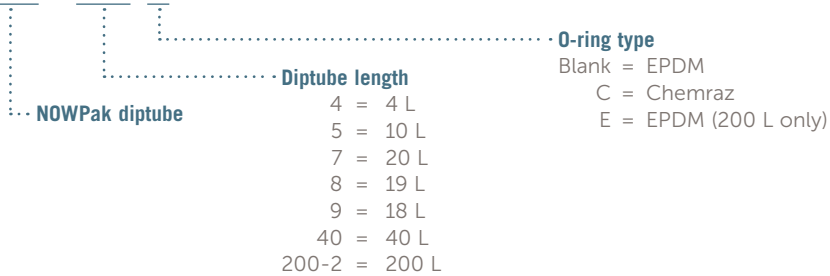
Packaging and shipping Diptube assemblies are bulk packaged and double bagged. Assemblies are cleanroom processed and heat sealed in a PE inner bag, then heat sealed in a PE outer bag. Bagged assemblies are packaged in a corrugated shipping carton. Refer to the table below for packaging information.

Part number	Size	Box quantity (minimum order quantity)	Box dimensions (L x W x H)
NDT-T4	4 liter	100 (20 bags of 5)	445 mm x 286 mm x 191 mm (17.5" x 11.3" x 7.5")
NDT-T5	10 liter	100 (20 bags of 5)	445 mm x 286 mm x 191 mm (17.5" x 11.3" x 7.5")
NDT-T5-C (with Chemraz o-ring)	10 liter	100 (20 bags of 5)	445 mm x 286 mm x 191 mm (17.5" x 11.3" x 7.5")
NDT-T9	18 liter	50 (10 bags of 5)	686 mm x 178 mm x 52 mm (27" x 7" x 2")
NDT-T8	19 liter	100 (20 bags of 5)	445 mm x 286 mm x 191 mm (17.5" x 11.3" x 7.5")
NDT-T8-C (with Chemraz o-ring)	19 liter	100 (20 bags of 5)	445 mm x 286 mm x 191 mm (17.5" x 11.3" x 7.5")
NDT-T7	20 liter	100 (20 bags of 5)	445 mm x 286 mm x 191 mm (17.5" x 11.3" x 7.5")
NDT-T7-C (with Chemraz o-ring)	20 liter	100 (20 bags of 5)	445 mm x 286 mm x 191 mm (17.5" x 11.3" x 7.5")
NDT-T40	40 liter	50 (10 bags of 5)	686 mm x 178 mm x 52 mm (27" x 7" x 2")
NDT-T40-C (with Chemraz o-ring)	40 liter	50 (10 bags of 5)	686 mm x 178 mm x 52 mm (27" x 7" x 2")
NDT-T200-2-E	200 liter	48 (12 bags of 4)	902 mm x 241 mm x 165 mm (35.5" x 9.5" x 6.5")
NDT-T200-2-C (with Chemraz o-ring)	200 liter	48 (12 bags of 4)	902 mm x 241 mm x 165 mm (35.5" x 9.5" x 6.5")
NDT-T200-2-S (with Perfluoroelastomer o-ring)	200 liter	48 (12 bags of 4)	902 mm x 241 mm x 165 mm (35.5" x 9.5" x 6.5")

ORDERING INFORMATION

Diptube: part number

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ACCESSORIES

Part number	Description
NA-13	Diptube removal tool.
NA-27	O-ring maintenance tool kit. General purpose o-ring handling tools to facilitate o-ring removal and replacement.
NA-24	Replacement coupler o-rings, EPDM, bag of 50.
NA-24-1000	Replacement coupler o-rings, EPDM, bag of 1,000.
200995	Replacement coupler o-ring, Chemraz, quantity of 1.

LIMITED WARRANTY

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