

# NOWPak<sup>®</sup> 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<sup>®</sup> Liner-based Canister System and ND-CD or MaxMT<sup>™</sup> dispense connectors.



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

## APPLICATIONS

- Diptubes are designed for high-purity returnable canister applications

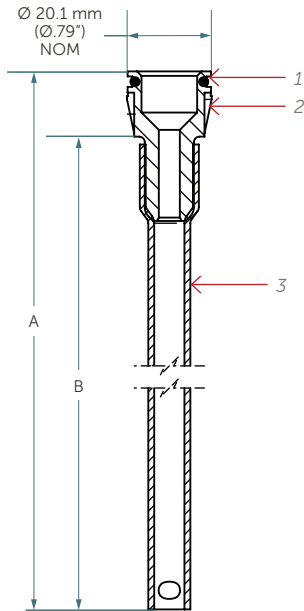
## FEATURES & BENEFITS

- 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

## SPECIFICATIONS

<b>Part number</b>	NDT-TX-X	
<b>Materials of construction</b>	Coupling	Injection molded, natural PFA
	Tubing	Extruded, natural FEP
	O-ring seal	EPDM or Chemraz <sup>®</sup>
	Cleanroom bag	PE
<b>Manufacturing standards</b>	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.	
<b>Cleanliness</b>	Diptube assembly to be free from lubricants and other extraneous foreign materials consistent with Entegris processes and procedures.	

## DIMENSIONS



Item	Quantity	Description
1	1	O-ring seal
2	1	Coupling
3	1	Downtube
Coupling orifice		4.6 mm (0.18") minimum
Coupling o-ring gland		16.6 mm (0.66")
Tubing outer diameter		9.5 mm (0.38")
Tubing 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  $\pm 5.0$  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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NOWPak diptube

**Diptube length**

4 = 4 L  
5 = 10 L  
7 = 20 L  
8 = 19 L  
9 = 18 L  
40 = 40 L  
200-2 = 200 L

**O-ring type**

Blank = EPDM  
C = Chemraz  
E = EPDM (200 L only)

## 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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