

# NOWPak® Canister NDT-TX-X FEP 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.

## APPLICATIONS

- Diptubes are designed for high-purity returnable canister applications

## SPECIFICATIONS

<b>Part number</b>	NDT-TX-X	
<b>Materials of construction</b>	Coupler	Injection molded, natural PFA
	Downtube	Extruded, natural FEP
	O-ring seal	EPDM, Chemraz®, or Semi-perfluoroelastomer
	Cleanroom bag	PE
<b>Manufacturing standards</b>	Fabricated and tested in a Class 5 Cleanroom as per International Standard ISO 14644-1:* 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.	

\*ISO standard certification is kept up to date as necessary to remain current and effective to be able to demonstrate compliance with up-to-date ISO requirements.

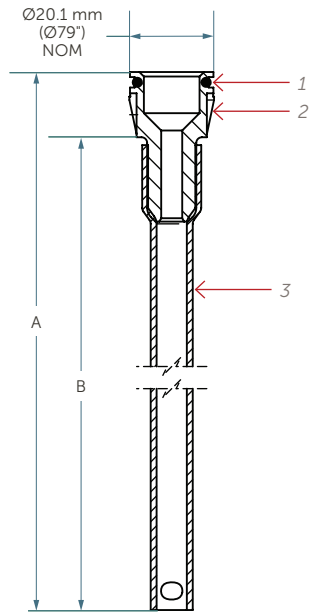


NDT-TX-X FEP diptube shown with EPDM O-ring

## 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 (0.2") minimum
Coupler o-ring gland	16.6 mm (0.7")
Downtube outer diameter	9.5 mm (0.4")
Downtube inner diameter	5.9 mm (0.2") 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 (8.9")	210 mm (8.3")
NDT-T4-C	NO-04 NO-04-63	4 liter	Chemraz	227 mm (8.9")	210 mm (8.3")
NDT-T5	NO-05 NO-05-63	10 liter	EPDM	315 mm (12.4")	298 mm (11.8")
NDT-T5-C	NO-05 NO-05-63	10 liter	Chemraz	315 mm (12.4")	298 mm (11.8")
NDT-T9	NO-09 NO-09-63	18 liter	EPDM	547 mm (21.5")	530 mm (20.9")
NDT-T9-C	NO-09 NO-09-63	18 liter	Chemraz	547 mm (21.5")	530 mm (20.9")
NDT-T8	NO-08 NO-08-63 NO-08A-63	19 liter	EPDM	401 mm (15.8")	384 mm (15.1")
NDT-T8-C	NO-08 NO-08-63 NO-08A-63	19 liter	Chemraz	401 mm (15.8")	384 mm (15.1")
NDT-T7	NO-07 NO-07-LE	20 liter	EPDM	423 mm (16.7")	406 mm (16.0")
NDT-T7-C	NO-07 NO-07-LE	20 liter	Chemraz	423 mm (16.7")	406 mm (16.0")

## DIMENSIONS (CONTINUED)

PART NUMBER					
Diptube	Canister	Size	O-ring type	A (Assembly)	B (Downtube)
NDT-T40	NO-40 NO-40-63 NO-40A NO-40A-63	40 liter	EPDM	637 mm (25.1")	620 mm (24.4")
NDT-T40-C	NO-40 NO-40-63 NO-40A NO-40A-63	40 liter	Chemraz	637 mm (25.1")	620 mm (24.4")
NDT-T200-2-E (for use with 2" fitment)	NO-200 NO-200A NO-200A-4	200 liter	EPDM	872 mm (34.4")	856 mm (33.7")
NDT-T200-2-F (for use with 2" fitment)	NO-200 NO-200A NO-200A-4	200 liter	Semi-perfluoroelastomer	872 mm (34.4")	856 mm (33.7")

\*Note: Length dimensions are  $\pm 5.0$  mm (0.20")

## SHIPPING INFORMATION

<b>Labeling</b>	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.
<b>Packaging and shipping</b>	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.

## SHIPPING INFORMATION (CONTINUED)

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

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- NOWPak diptube

• **Diptube length**

$$4 = 4 \text{ L}$$
$$5 = 101$$

7 = 201

$$8 = 191$$
$$9 = 18 \mid$$

10 = 40 L

200-2 = 200 L (with 2" fitment)

- **O-ring type**

Blank = EPDM

C = Chemraz

E = EPDM (200 L only)

F = Semi-perfluoroelastomer (200 L only)

Part number	Description
NA-13	Diptube removal tool.
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.
NA-131A-500	Replacement coupler O-rings, semi-perfluoroelastomer, quantity of 500.

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