

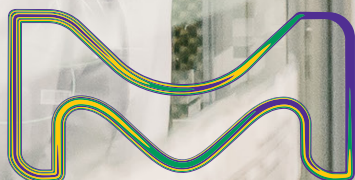


MERCK

Ascentis® Express

HPLC and UHPLC Columns

Maximum Resolution on any System



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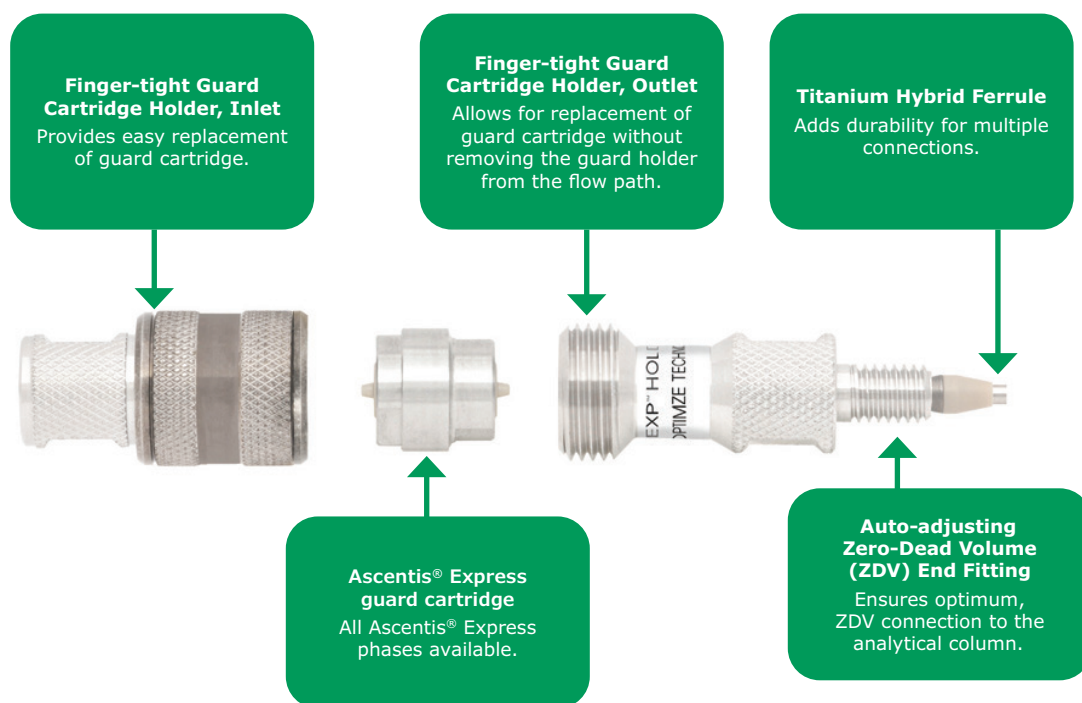
Ascentis® Express (5 µm)										
Length	ID	C18	C8	RP-Amide	Phenyl-Hexyl	Biphenyl	F5 (PFP)	ES-Cyano	OH5	HILIC (Si)
2 cm	2.1 mm	50507-U	50362-U	50732-U	50442-U		50603-U	50557-U	50313-U	50255-U
3 cm	2.1 mm	50508-U	50363-U	50733-U	50443-U		50604-U	50558-U	50314-U	50256-U
5 cm	2.1 mm	50509-U	50364-U	50734-U	50446-U	584585-U	50605-U	50559-U	50317-U	50257-U
7.5 cm	2.1 mm	50511-U	50367-U	50735-U	50451-U		50607-U	50562-U	50321-U	50258-U
10 cm	2.1 mm	50517-U	50368-U	50737-U	50454-U	584586-U	50612-U	50563-U	50322-U	50260-U
15 cm	2.1 mm	50518-U	50372-U	50739-U	50455-U	584587-U	50613-U	50564-U	50327-U	50261-U
25 cm	2.1 mm	50521-U	50373-U	50747-U	50456-U	584588-U	50614-U	50566-U	50328-U	50262-U
3 cm	3.0 mm	50522-U	50376-U	50749-U	50459-U	584589-U	50615-U	50567-U	50329-U	50264-U
5 cm	3.0 mm	50523-U	50377-U	50751-U	50464-U	584590-U	50616-U	50568-U	50335-U	50265-U
7.5 cm	3.0 mm	50525-U	50378-U	50752-U	50466-U		50619-U	50569-U	50336-U	50268-U
10 cm	3.0 mm	50526-U	50381-U	50753-U	50469-U	584591-U	50622-U	50570-U	50338-U	50269-U
15 cm	3.0 mm	50527-U	50382-U	50758-U	50470-U	584592-U	50623-U	50574-U	50339-U	50270-U
25 cm	3.0 mm	50528-U	50385-U	50759-U	50472-U		50624-U	50575-U	50341-U	50276-U
3 cm	4.6 mm	50529-U	50386-U	50767-U	50474-U	584593-U	50625-U	50577-U	50343-U	50278-U
5 cm	4.6 mm	50530-U	50389-U	50768-U	50477-U	584594-U	50626-U	50581-U	50344-U	50284-U
7.5 cm	4.6 mm	50533-U	50390-U		50479-U		50627-U	50583-U	50345-U	50286-U
10 cm	4.6 mm	50536-U	50391-U	50773-U	50482-U	584595-U	50628-U	50585-U	50346-U	50288-U
15 cm	4.6 mm	50537-U	50392-U	50774-U	50483-U	584596-U	50631-U	50588-U	50347-U	50289-U
25 cm	4.6 mm	50538-U	50394-U	50775-U	50487-U		50632-U	50591-U	50348-U	50294-U
Guard 5mm	2.1 mm	50539-U	50395-U	50776-U	50496-U	584597-U	50633-U	50592-U	50349-U	50295-U
Guard 5mm	3 mm	50541-U	50396-U	50777-U	50497-U	584598-U	50634-U	50593-U	50350-U	50297-U
Guard 5mm	4.6 mm	50542-U	50399-U	50779-U	50498-U	584599-U	50635-U	50597-U	50355-U	50298-U

Ascentis® Express (2.7 µm)													
Length	ID	C30	C18	AQ-C18	Peptide ES-C18	C18*, PCP	C8	RP-Amide	Phenyl-Hexyl	Biphenyl	F5 (PFP)	ES-Cyano	OH5 HILIC (Si)
2 cm	2.1 mm		53799-U	577320-U			53795-U			64043-U	53592-U	53494-U	53779-U
3 cm	2.1 mm		53802-U	577321-U	53299-U		53839-U	53910-U	53332-U	64054-U	53566-U	53468-U	53748-U 53933-U
5 cm	2.1 mm	577100-U	53822-U	577322-U	53301-U		53831-U	53911-U	53334-U	64057-U	53567-U	53470-U	53749-U 53934-U
7.5 cm	2.1 mm		53804-U	577323-U	53304-U		53843-U	53912-U	53335-U	64061-U	53568-U	53472-U	53755-U 53938-U
10 cm	2.1 mm	577101-U	53823-U	577324-U	53306-U		53832-U	53913-U	53336-U	64065-U	53569-U	53473-U	53757-U 53939-U
15 cm	2.1 mm	577102-U	53825-U	577325-U	53307-U		53834-U	53914-U	53338-U	64068-U	53571-U	53475-U	53764-U 53946-U
25 cm	2.1 mm	577103-U											
2 cm	3.0 mm			577326-U						64047-U			
3 cm	3.0 mm	577104-U	53805-U	577327-U	53308-U		53844-U	53915-U	53341-U	64055-U	53574-U	53476-U	53766-U 53964-U
5 cm	3.0 mm	577105-U	53811-U	577328-U	53311-U		53848-U	53916-U	53342-U	64058-U	53576-U	53478-U	53767-U 53967-U
7.5 cm	3.0 mm		53812-U	577329-U	53312-U		53849-U	53917-U	53343-U	64062-U	53577-U	53479-U	53768-U 53969-U
10 cm	3.0 mm	577106-U	53814-U	577330-U	53313-U		53852-U	53918-U	53345-U	64066-U	53578-U	53481-U	53769-U 53970-U
15 cm	3.0 mm	577107-U	53816-U	577331-U	53314-U		53853-U	53919-U	53346-U	64069-U	53579-U	53483-U	53771-U 53972-U
2 cm	4.6 mm			577332-U						64051-U			
3 cm	4.6 mm	577108-U	53818-U	577333-U	53316-U		53857-U	53921-U	53347-U	64056-U	53581-U	53484-U	53772-U 53974-U
5 cm	4.6 mm	577134-U	53826-U	577334-U	53318-U		53836-U	53922-U	53348-U	64059-U	53583-U	53486-U	53774-U 53975-U
7.5 cm	4.6 mm		53819-U	577335-U	53323-U		53858-U	53923-U	53351-U	64064-U	53584-U	53489-U	53775-U 53977-U
10 cm	4.6 mm	577135-U	53827-U	577336-U	53324-U	50461-U	53837-U	53929-U	53352-U	64067-U	53590-U	53491-U	53776-U 53979-U
15 cm	4.6 mm	577136-U	53829-U	577337-U	53328-U	50462-U	53838-U	53931-U	53353-U	64071-U	53591-U	53492-U	53778-U 53981-U
Guard 5mm	2.1 mm	577137-U	53501-U	577338-U	53536-U		53509-U	53514-U	53524-U	64074-U	53594-U	53495-U	53780-U 53520-U
Guard 5mm	3 mm	577138-U	53504-U	577339-U	53537-U		53511-U	53516-U	53526-U	64076-U	53597-U	53496-U	53781-U 53521-U
Guard 5mm	4.6 mm	577139-U	53508-U	577340-U	53542-U		53512-U	53519-U	53531-U	64078-U	53599-U	53497-U	53523-U

*Ascentis® Express C18 PCP: pre-conditioned with phosphoric acid.

Ascentis® Express (2 µm)										
Length	ID	C18	C8	RP-Amide	Phenyl-Hexyl	Biphenyl	F5 (PFP)	ES-Cyano	OH5	HILIC (Si)
2 cm	2.1 mm	50805-U	51652-U	51567-U	51600-U		50857-U	51709-U	50951-U	51403-U
3 cm	2.1 mm	50809-U	51654-U	51568-U	51601-U		50858-U	51712-U	50952-U	51404-U
5 cm	2.1 mm	50811-U	51656-U	51569-U	51603-U	584600-U	50859-U	51717-U	50957-U	51406-U
7.5 cm	2.1 mm	50812-U	51657-U	51571-U	51605-U		50861-U	51721-U	50958-U	51408-U
10 cm	2.1 mm	50813-U	51658-U	51576-U	51608-U	584601-U	50863-U	51724-U	50959-U	51409-U
15 cm	2.1 mm	50814-U	51661-U	51577-U	51609-U	584602-U	50867-U	51725-U	50962-U	51418-U
25 cm	2.1 mm					584603-U				
3 cm	3 mm	50815-U	51663-U	51582-U	51611-U	584604-U	50869-U	51727-U	50963-U	51419-U
5 cm	3 mm	50816-U	51664-U	51583-U	51614-U	584605-U	50871-U	51728-U	50964-U	51421-U
7.5 cm	3 mm	50817-U	51672-U	51587-U	51616-U		50876-U	51729-U	50965-U	51424-U
10 cm	3 mm	50819-U	51673-U	51588-U	51617-U		50879-U	51732-U	50967-U	51428-U
15 cm	3 mm	50821-U	51674-U	51589-U	51618-U	584606-U	50881-U	51734-U	50968-U	51429-U
Guard 5mm	2.1 mm	50822-U	51676-U	51594-U	51619-U	584607-U	50884-U	51736-U	50969-U	51430-U
Guard 5mm	3 mm		51679-U	51595-U	51623-U	584608-U	50886-U	51739-U	50973-U	51433-U

Ascentis® Express Guard Cartridge Holder 53500-U



Ascentis® Express Capillary columns (2.7µm)				
Length	ID	C18	Peptide ES-C18	C8
5 cm	0.075 mm	53982-U	53543-U	53983-U
5 cm	0.100 mm	53985-U	53544-U	53987-U
5 cm	0.200 mm	53989-U	53545-U	53991-U
5 cm	0.300 mm	53992-U	53546-U	53997-U
5 cm	0.500 mm	53998-U	53547-U	53999-U
5 cm	1 mm		53548-U	
15 cm	0.075 mm	54219-U	53549-U	54229-U
15 cm	0.100 mm	54256-U	53552-U	54260-U
15 cm	0.200 mm	54261-U	53553-U	54262-U
15 cm	0.300 mm	54271-U	53554-U	54272-U
15 cm	0.500 mm	54273-U	53558-U	54275-U
15 cm	1 mm		53561-U	