

SERIES **SC** is a super flexible, **S**moothbore **C**onvolutated PTFE hose. When space and flexibility are an issue, but a smoothbore is a must for an uninterrupted flow and ease of cleaning, it is the ultimate problem solver.

Used globally in applications that require the up most cleanliness and with its Smoothbore Convolutated liner and heavier wall it is more suited to the arduous applications found in the process plant industries – Pharmaceutical, Bio-pharm, Chemical, Food & Beverage & Clean environments. The Stainless Steel Braid & EPDM rubber cover makes the hose much more rugged for harsh external environments.

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**Design** – Smoothbore convolutated PTFE tube with Stainless Steel 304 / 316 braid & vulcanised EPDM rubber cover – BLUE / BLACK.

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**Inner layer** – Natural (GP) or Anti-static (AS) helically convolutated heavy wall PTFE tube.

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**Outer layer** – SS 304 / 316 braid and EPDM vulcanised rubber cover – BLUE / BLACK.  
(34 = Stainless Steel 304 Grade / 36 = Stainless Steel 316 Grade)

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**Temperature Range** – -40°C / +150°C.

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**Material** – PTFE to: 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'

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The Symbol  
of Assurance



### SERIES SC – SS/RC *Dimensional & Performance Data*

Natural Part No (GP)	Anti-static Part No (AS)	Size (")	ID Nominal (mm)	OD Nominal (mm)	WT (mm)	MBR (mm)	MWP (Bar)	BP (Bar)	Vacuum (mBar)	Weight (kg/m)
PFSC12-GP-SS-34-RC	PFSC12-AS-SS-34-RC	1/2"	13.40	23.00	1.60	38.00	60.00	240.00	887.00	0.96
PFSC20-GP-SS-34-RC	PFSC20-AS-SS-34-RC	3/4"	19.10	29.00	1.80	50.00	60.00	240.00	887.00	1.12
PFSC22-GP-SS-34-RC	PFSC22-GP-SS-34-RC	7/8"	21.00	32.00	2.10	55.00	55.00	220.00	887.00	1.20
PFSC25-GP-SS-34-RC	PFSC25-AS-SS-34-RC	1.00"	25.50	36.50	2.20	70.00	50.00	200.00	887.00	1.34
PFSC32-GP-SS-34-RC	PFSC32-AS-SS-34-RC	1.25"	31.80	43.50	2.65	100.00	45.00	180.00	887.00	1.60
PFSC40-GP-SS-34-RC	PFSC40-AS-SS-34-RC	1.50"	38.10	50.80	3.00	140.00	40.00	160.00	887.00	1.88
PFSC50-GP-SS-34-RC	PFSC50-AS-SS-34-RC	2.00"	49.50	63.20	4.00	280.00	30.00	120.00	887.00	2.26

