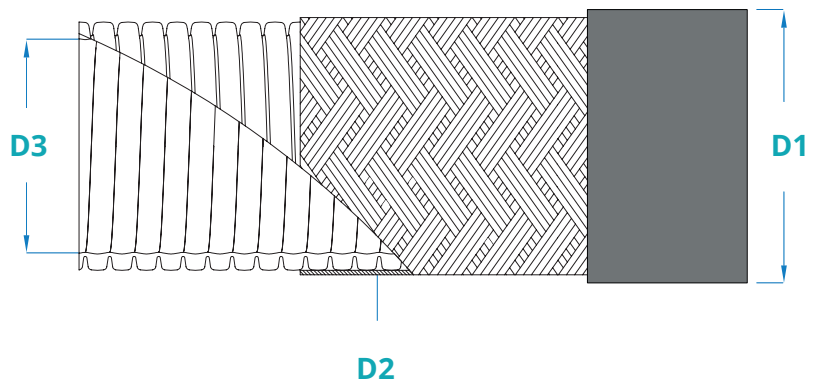


SERIES **SC** is a super flexible, **S**moothbore **C**onvoluted PTFE hose. When space and flexibility are an issue but a smoothbore is a must for an uninterrupted flow and ease of cleaning, it is the ultimate problem solver.

Available with FDA approved Natural (GP) or Anti-static (AS) PTFE tubes. PTFE lined 'Flared/Tafted' fittings to improve cleanliness, remove bug traps and improve the ability to clean in place. SERIES **SC** can be supplied with a Stainless steel 304 / 316, or Polypropylene braid, EPDM & Silicone rubber covers.



PROPERTIES

APPLICATION	Used globally in applications that require the up most cleanliness and with its Smoothbore Convoluted 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 EPDM rubber cover makes the hose much more rugged for harsh external environments		
DESIGN	Smoothbore convoluted PTFE tube with Stainless Steel 304 / 316 braid and a vulcanised EPDM rubber cover – BLUE / BLACK		
INNER LAYER	Natural (GP) or Anti-static (AS) smoothbore convoluted PTFE tube		
OUTER LAYER	SS 304 / 316 braid and EPDM vulcanised rubber cover – BLUE / BLACK (34 = Stainless Steel 304 Grade / 36 = Stainless Steel 316 Grade)		
TEMP MIN	-40°C	TEMP MAX	+150°C
MATERIAL	PTFE according to 'ASTM D4895, TYPE 1, GRADE 4, CLASS B' & 'ASTM D4895, TYPE 1, GRADE 3, CLASS B'		

Natural (GP) Part No.	Antistatic (AS) Part No.	Size	ID Nominal (mm)	OD Nominal (mm)	Wall Thickness (mm)	Minimum Bend Radius (mm)	MWP (Bar)	BP (Bar)
PFSC12-GP-SS-34-RC	PFSC12-AS-SS-34-RC	1/2"	13.40	23.00	1.60	38	60	240
PFSC20-GP-SS-34-RC	PFSC20-AS-SS-34-RC	3/4"	19.50	29.00	1.80	50	60	240
PFSC22-GP-SS-34-RC	PFSC22-AS-SS-34-RC	7/8"	21.00	32.00	2.10	55	55	220
PFSC25-GP-SS-34-RC	PFSC25-AS-SS-34-RC	1.00"	25.50	36.50	2.20	70	50	200
PFSC32-GP-SS-34-RC	PFSC32-AS-SS-34-RC	1.25"	31.80	43.50	2.65	100	45	180
PFSC40-GP-SS-34-RC	PFSC40-AS-SS-34-RC	1.50"	38.80	50.80	3.00	140	40	80
PFSC50-GP-SS-34-RC	PFSC50-AS-SS-34-RC	2.00"	51.00	63.20	4.00	200	30	120