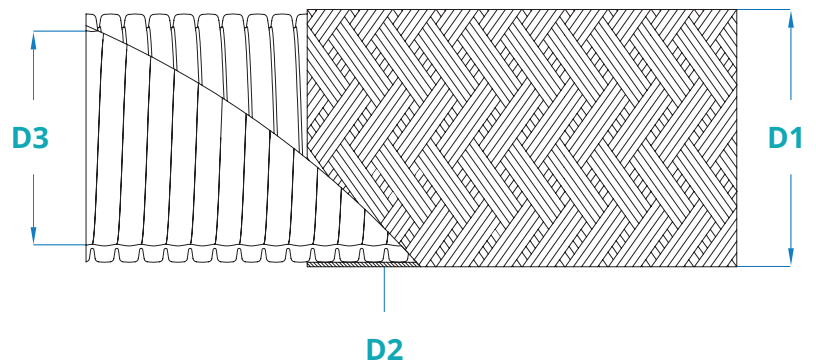


SERIES **SC** is a super flexible, Smoothbore Convoluted PTFE hose. When space and flexibility are an issue but a smoothbore is a must for an uninterrupted flow and ease of cleaning, it is the ultimate problem solver.

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 Silicone cover enables the hose to be cleaned externally adding to the hygienic nature of certain applications. | | |
| DESIGN | Smoothbore convoluted PTFE tube with SS 304 / 316 braid and Silicone cover – WHITE / BLUE / YELLOW / RED | | |
| INNER LAYER | Natural (GP) or Anti-static (AS) smoothbore convoluted PTFE tube | | |
| OUTER LAYER | SS 304 / 316 braid and Silicone cover – WHITE / BLUE / YELLOW / RED (34 = Stainless Steel 304 Grade / 36 = Stainless Steel 316 Grade) | | |
| TEMP MIN | -73°C | TEMP MAX | +204°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-SI | PFSC12-AS-SS-34-SI | 1/2" | 13.40 | 21.00 | 1.60 | 38 | 60 | 240 |
| PFSC20-GP-SS-34-SI | PFSC20-AS-SS-34-SI | 3/4" | 19.50 | 27.00 | 1.80 | 50 | 60 | 240 |
| PFSC22-GP-SS-34-SI | PFSC22-AS-SS-34-SI | 7/8" | 21.00 | 30.00 | 2.10 | 55 | 55 | 220 |
| PFSC25-GP-SS-34-SI | PFSC25-AS-SS-34-SI | 1.00" | 25.50 | 34.50 | 2.20 | 70 | 50 | 200 |
| PFSC32-GP-SS-34-SI | PFSC32-AS-SS-34-SI | 1.25" | 31.80 | 41.50 | 2.65 | 100 | 45 | 180 |
| PFSC40-GP-SS-34-SI | PFSC40-AS-SS-34-SI | 1.50" | 38.80 | 48.80 | 3.00 | 140 | 40 | 80 |
| PFSC50-GP-SS-34-SI | PFSC50-AS-SS-34-SI | 2.00" | 51.00 | 61.20 | 4.00 | 200 | 30 | 120 |