

SERIES **HC** is a **H**heavy wall extruded **C**onvolut hose used extensively throughout the process industry. It's self cleaning design and unique way the hose can be lined through the fittings make a completely bug free environment for applications where cleanliness is paramount. Also, protects fittings against corrosion in applications transferring aggressive medias.

SERIES **HC – PB**, used globally in applications that require the up most cleanliness and with its heavier wall it is more suited to the arduous applications found in the process plant industry. Polypropylene Braid is ideal for when the application requires low pressure and or a lighter weight hose or if the media being transferred is not compatible with SS 304 / 316 braid.

---

**Design** – Heavy wall convoluted PTFE tube with Polypropylene braid – BLUE, WHITE & YELLOW

---

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

---

**Outer layer** – Polypropylene braid – BLUE, WHITE & YELLOW

---

**Temperature Range** – -60°C / +90°C.

---

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

---



The Symbol  
of Assurance



### SERIES HC – PB *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)
PFHC10-GP-PB	PFHC10-AS-PB	3/8"	9.65	18.45	0.89	30.00	10.00	40.00	887.00	0.09
PFHC12-GP-PB	PFHC12-AS-PB	1/2"	13.08	21.90	0.89	40.00	10.00	40.00	887.00	0.13
PFHC16-GP-PB	PFHC16-AS-PB	5/8"	16.00	25.85	0.89	50.00	10.00	40.00	887.00	0.24
PFHC20-GP-PB	PFHC20-AS-PB	3/4"	19.00	30.40	1.00	60.00	10.00	40.00	887.00	0.34
PFHC25-GP-PB	PFHC25-AS-PB	1.00"	25.40	40.00	1.20	80.00	10.00	40.00	887.00	0.46
PFHC32-GP-PB	PFHC32-AS-PB	1.25"	31.00	46.00	1.20	100.00	10.00	40.00	887.00	0.57
PFHC40-GP-PB	PFHC40-AS-PB	1.50"	35.50	50.00	1.60	120.00	10.00	40.00	887.00	0.71
PFHC45-GP-PB	PFHC45-AS-PB	1.75"	44.00	61.00	1.60	135.00	10.00	40.00	887.00	1.05
PFHC50-GP-PB	PFHC50-AS-PB	2.00"	47.50	65.50	1.60	165.00	10.00	40.00	887.00	1.15
PFHC65-GP-PB	PFHC65-AS-PB	2.50"	60.25	87.25	1.60	230.00	10.00	40.00	887.00	2.14
PFHC80-GP-PB	PFHC80-AS-PB	3.00"	74.00	99.00	1.60	260.00	7.00	28.00	887.00	3.31
PFHC100-GP-PB	PFHC100-AS-PB	4.00"	98.00	133.30	1.82	300.00	6.00	24.00	887.00	4.66

