

SERIES **HC** is a **H**heavy wall extruded **C**convoluted 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** – VW/SS, 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. The vacuum wire and SS 304 / 316 braid gives vacuum resistance and higher pressure in applications.

---

**Design** – Heavy wall convoluted PTFE tube with vacuum wire SS 304 / 316 braid.

---

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

---

**Outer Layer** – SS 304 vacuum wire and SS 304 / 316 braid. (34 = Stainless Steel 304 Grade / 36 = Stainless Steel 316 Grade)

---

**Temperature Range** – -60°C / +260°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 – VW/SS *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)
PFHC06-GP-VW-SS-34	PFHC-06-AS-VW-SS-34	1/4"	7.00	12.68	0.76	18.00	60.00	180.00	744.00	0.09
PFHC10-GP-VW-SS-34	PFHC-10-AS-VW-SS-34	3/8"	9.65	15.95	0.76	25.00	50.00	150.00	744.00	0.13
PFHC12-GP-VW-SS-34	PFHC12-AS-VW-SS-34	1/2"	13.08	18.90	0.89	40.00	45.00	135.00	887.00	0.15
PFHC16-GP-VW-SS-34	PFHC16-AS-VW-SS-34	5/8"	16.00	22.85	0.89	50.00	40.00	120.00	887.00	0.17
PFHC20-GP-VW-SS-34	PFHC20-AS-VW-SS-34	3/4"	19.00	27.40	1.00	60.00	40.00	120.00	887.00	0.40
PFHC25-GP-VW-SS-34	PFHC25-AS-VW-SS-34	1.00"	25.40	36.00	1.20	80.00	35.00	105.00	887.00	0.55
PFHC32-GP-VW-SS-34	PFHC32-AS-VW-SS-34	1.25"	31.00	42.00	1.20	100.00	35.00	105.00	887.00	0.69
PFHC40-GP-VW-SS-34	PFHC40-AS-VW-SS-34	1.50"	35.50	46.00	1.60	120.00	35.00	105.00	887.00	1.12
PFHC45-GP-VW-SS-34	PFHC45-AS-VW-SS-34	1.75"	44.00	56.00	1.60	135.00	25.00	75.00	887.00	1.66
PFHC50-GP-VW-SS-34	PFHC50-AS-VW-SS-34	2.00"	47.50	59.50	1.60	165.00	25.00	75.00	887.00	1.72
PFHC65-GP-VW-SS-34	PFHC65-AS-VW-SS-34	2.50"	60.25	77.25	1.60	230.00	14.00	42.00	887.00	2.15
PFHC80-GP-VW-SS-34	PFHC80-AS-VW-SS-34	3.00"	74.00	93.00	1.60	260.00	12.00	36.00	887.00	3.32
PFHC100-GP-VW-SS-34	PFHC100-AS-VW-SS-34	4.00"	98.00	122.30	1.82	300.00	10.00	30.00	887.00	4.06
PFHC150-GP-VW-SS-34	PFHC150-AS-VW-SS-34	6.00"	152.00	182.00	2.50	520.00	6.00	18.00	455.00	6.01

