

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/TO, 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 SS 304 vacuum wire adds strength to the hose whilst also giving vacuum resistance.

Design – Heavy wall convoluted PTFE tube with SS 304 vacuum wire.

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

Outer layer – SS 304 vacuum wire.

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/TO *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-TO	PFHC-06-AS-VW-TO	1/4"	7.00	11.68	0.76	18.00	4.00	16.00	744.00	0.06
PFHC10-GP-VW-TO	PFHC-10-AS-VW-TO	3/8"	9.65	14.95	0.76	25.00	4.00	16.00	744.00	0.07
PFHC12-GP-VW-TO	PFHC12-AS-VW-TO	1/2"	13.08	17.90	0.89	40.00	4.00	16.00	887.00	0.08
PFHC16-GP-VW-TO	PFHC16-AS-VW-TO	5/8"	16.00	21.85	0.89	50.00	3.00	12.00	887.00	0.11
PFHC20-GP-VW-TO	PFHC20-AS-VW-TO	3/4"	19.00	26.40	1.00	60.00	3.00	12.00	887.00	0.15
PFHC25-GP-VW-TO	PFHC25-AS-VW-TO	1.00"	25.40	35.00	1.20	80.00	3.00	12.00	887.00	0.21
PFHC32-GP-VW-TO	PFHC32-AS-VW-TO	1.25"	31.00	41.00	1.20	100.00	2.50	10.00	887.00	0.27
PFHC40-GP-VW-TO	PFHC40-AS-VW-TO	1.50"	35.50	45.00	1.60	120.00	2.50	10.00	887.00	0.39
PFHC45-GP-VW-TO	PFHC45-AS-VW-TO	1.75"	44.00	55.00	1.60	135.00	2.00	8.00	887.00	0.47
PFHC50-GP-VW-TO	PFHC50-AS-VW-TO	2.00"	47.50	58.50	1.60	165.00	2.00	8.00	887.00	0.53
PFHC65-GP-VW-TO	PFHC65-AS-VW-TO	2.50"	60.25	76.25	1.60	230.00	1.50	6.00	887.00	0.67
PFHC80-GP-VW-TO	PFHC80-AS-VW-TO	3.00"	74.00	92.00	1.60	260.00	1.25	5.00	887.00	0.78
PFHC100-GP-VW-TO	PFHC100-AS-VW-TO	4.00"	98.00	121.30	1.82	300.00	1.00	4.00	887.00	1.32
PFHC150-GP-VW-TO	PFHC150-AS-VW-TO	6.00"	152.00	181.00	2.50	520.00	1.00	4.00	455.00	3.62

