



220 Series



RA 220 (220 SERIES):

RA170 (220 series) is a lightweight 3000psi (207 bar) non-metallic aerospace hose assembly qualified to AS1975. The hose consists of an extruded smoothbore conductive PTFE innercore, reinforced with Kevlar® para-aramid braid. PTFE provides excellent chemical resistance and unlimited shelf life. 220 series is ideal for weight critical 3000 PSI (207 Bar) applications within the temperature range of -65° to +275°F (-54°C to +135°C). Fire protection is available per AS1055 Class A with slip-on AS1072 firesleeve. Hybrid assemblies combining flex hose with multi-bend tube are a Titeflex specialty and provide improved vibration dampening, ease of installation, and maintenance over strictly rigid tube.

SERIES: 220**SPECIFICATION:**

SAE AS1975, Class 3000

BRAID: Kevlar**INNERCORE:** PTFE Smoothbore**QUALIFICATIONS:**

SAE AS1975, Class 3000,

TSO-C75 Type II-S/P,

TSO-C75 Type IIB-S/P

ENGLISH

HOSE SIZE	OPERATING PRESSURE	HOSE ID (MIN)	HOSE OD (MIN)	HOSE OD (MAX)	BRAIDED HOSE WT/1/	BEND RADIUS (MIN)/2/	PROOF PRESSURE	ROOM TEMP BURST (MIN)	HIGH TEMP BURST (MIN)
	psi	in	in	in	lb/in	in	psi	psi	psi
6	3,000	0.298	0.495	0.555	0.008	2.5	8,000	12,000	9,000
8	3,000	0.391	0.65	0.71	0.012	2.88	8,000	12,000	9,000
10	3,000	0.485	0.85	0.92	0.02	3.25	8,000	12,000	9,000

NOTES /1/ Over minimum 12 inch length /2/ Inside of bend**METRIC**

HOSE SIZE	OPERATING PRESSURE	HOSE ID (MIN)	HOSE OD (MIN)	HOSE OD (MAX)	BRAIDED HOSE WT/1/	BEND RADIUS (MIN)/2/	PROOF PRESSURE	ROOM TEMP BURST (MIN)	HIGH TEMP BURST (MIN)
	bar	mm	mm	mm	g/m	mm	bar	bar	bar
6	207	7.6	12.6	14.1	143	63.5	552	827	651
8	207	9.9	16.5	18	214	73.2	552	827	651
10	207	12.3	21.6	23.4	357	82.6	552	827	651

NOTES /1/ Over minimum 305mm length /2/ Inside of bend

1845 Town Center Blvd. #140, Orange Park, FL 32003
 (904) 215 -9638 www.aero-hose.com



Revision NC