

end connections composite hose assemblies

end connections

Radcoflex are able to supply a full range of end connections to suit our composite hoses such as male and female quick release couplings, flanges, male threads and female swivel nuts. Other special fittings to customers specifications are available on request.

pressure ratings

Quick release couplings (camlocks) may not have a pressure rating as high as the hose to which they are attached. The applicable pressure rating for the completed assembly will be the lower of the hose or the fitting. Please check table below for the pressure rating of quick release couplings.

quick release couplings max. pressure									
pressure		fitting diameter (mm)							
psi	kpa	25	32	38	50	65	75	100	150
50	350			P	P		P		
75	525								AB
100	700	P						AB	
125	875						AB		
150	1050					AB		S	
200	1400					S	S		
250	1725	ABS	ABS	ABS	ABS				

materials codes

A - aluminium B - bronze
P - polypropylene S - stainless steel 316

attachment methods

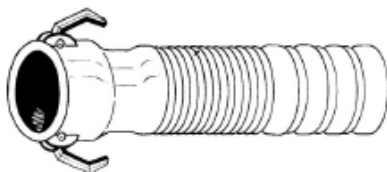
Radcoflex engineers have developed the most modern machines for the attachment of end fittings including hydraulic external power swaging and mechanical high tension wire whipping machines.

fuel hose fittings

We have developed special OHMSEAL and OHMLOCK camlocks whereby both the inner and outer wire of the hose is locked directly to the camlock with grub screws. This ensures positive electrical contact that can be seen and easily checked without disconnecting or degassing the assembly. The OHMSEAL fitting is for use on swaged attachments and the OHMLOCK is for wire whipped attachments.



TYPICAL WIRE WHIPPED ATTACHMENT



TYPICAL SWAGED ATTACHMENT

