

## BURST SLEEVE CRIMP RINGS

HOSE-BS-RING

The aim of the Fluid Connectors “Burst Sleeve” Crimped Retention Rings is to hold the sleeve in place against normal operational loads, without affecting the ferrule crimp diameter, and allowing examination of the base of the ferrule if required.



### Installation

**Step 1.** Cut the hose to length, clean internally and mark insertion depth as applicable. Cut the required sleeve to length (recommended size is approximately 1.5 times the OD of the hose, and about 10 – 15% longer than the hose).

**Step 2.** Install the sleeve over the hose before installing the fittings or ferrules.

**Step 3.** Pull the sleeve to a point, and slide the Crimp Retention Ring over the sleeve, and pull toward the centre of the hose assembly.

**Step 4.** Install the end fittings as per normal. Proof test the hose if required at this stage.

**Step 5.** Position the crimp ring approximately two times the diameter of the hose, back from the rear of the ferrule. Be mindful that there is sufficient sleeve at the fitting end of the ring to properly cover the ferrule. Crimp the ring to the crimp dimension shown below. This crimp is not an exact issue like as ferrule, the sleeve will fold differently each time when you crimp it. The crimp diameters below are a guide, and to make life easy are the same diameter as the equivalent Fluid Connectors SN1/2 ferrule.

	HOSE-BS-RING-04	HOSE-BS-RING-06	HOSE-BS-RING-08	HOSE-BS-RING-12	HOSE-BS-RING-16
	-04	-06	-08	-12	-16
R1T	17.9	20.9	23.5	30.9	39.9
R2T	18.8	21.6	24.8	32.1	40.4
R16	17.8	20.9	24.2	31.3	39.2

**Step 6.** Once crimped, complete the installation with either a thin portion of glued heat shrink, or a cable tie, as per customer instruction, or application requirements.



Back of ferrule

Approx. two  
times hose OD