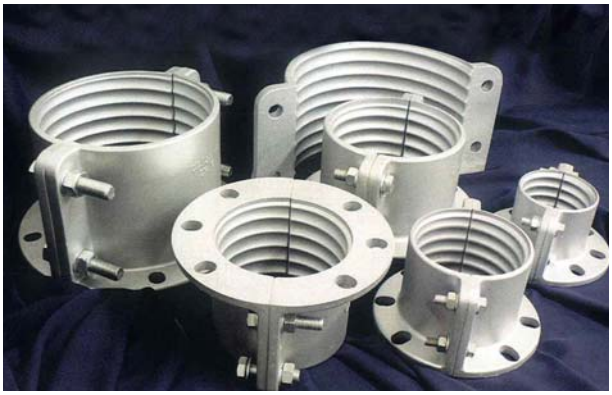
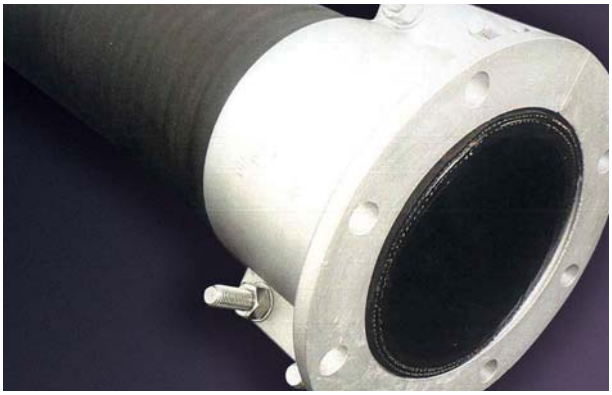
SPLIT FLANGE COUPLING





Jachris offers a re-designed split flange coupling – re-useable aluminium couplings suitable for use on hardwall materials handling hoses. Our split flange couplings are ideal for connecting hose to hose, hose to steel pipe or joining a rubber hose to a HDPE pipe.

Cast from high grade LM6 aluminium with 12% silicon content, corrosion resistant, our split flange couplings have outstanding high pressure holding ability (up to 1000 KPA) with excellent tensile strength. They consist of two halves with internal helix, which correspond to the corrugations on the rubber hose. These couplings are design for fast, simple fitting and do not require any special tools.

Jachris split flange couplings are available for hose sizes 76mm to 300mm and are compatible with all major flange drilling standards. Larger sizes (up to 600mm) on request. The inside pattern can also be changed to suite any hose requirement.

Aluminium split flange coupling assembly instructions

- Measure up the required length of hose and mark the cutting point. Moisten is with water whilst cutting with a thin, sharp knife, then bend and pull the steel spiral some way out. Cut the steel with a bolt cutter or hacksaw ensuring that the cut end is covered by the rubber.
- Fit the split flange coupling halves on the hose so that the hose end projects 2-3mm beyond the coupling. Screw the flanges together firmly (to a maximum opening of approximately 2mm between the two halves).
- Trim the hose flash with the flanges.
- The hose and the couplings are now ready to be bolted to the mating flanges. A split flange ring gasket must now be placed between the flanges. The gasket is made of soft rubber so that under pressure it will compensate for unevenness and thus prevent leakage at the coupling site.

Flange details

Hose ID Nom (mm)	Flange OD (mm)	Length (mm)	Flange Thickness (mm)	PCD+ Range (mm)	Flange drilling adaptable to:						
					BS 10		BS 4504		UMHK	SABS 1123	
					D	E	10/3	16/3		1000/2	1000/3
75	196	100	16.0	146-160	✓	✓	–	✓	✓	–	✓
100	216	125	16.0	178-180	✓	✓	–	✓	–	–	✓
125	254	140	16.0	210-216	✓	✓	–	✓	–	–	✓
150	279	150	16.0	235-240	✓	✓	–	✓	✓	–	✓
200	337	200	18.0	292-295	✓	✓	✓	✓	✓	✓	✓
250	405	200	22.0	350-356	✓	✓	✓	✓	–	✓	✓
300	457	250	23.0	400-406	✓	✓	✓	–	✓	✓	✓