

Modular Aluminum Piping Grooving Technology (Integrated Coupler)

EASY | FAST | RELIABLE | COST-SAVING

Sizes – 20,25,32,40,50,63,76,90MM

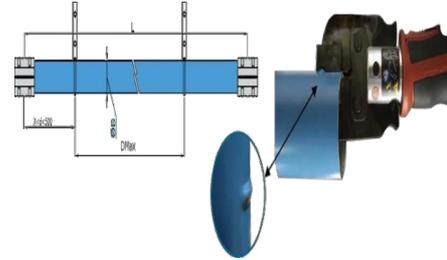


Technical Spec Integrated Fittings :

❖ Material Of Construction	Aluminum Body (Quick air)
❖ Connection Type	Integrated Coupler Connection
❖ Certificate	ISO
❖ Maximum Working Pressure	Up to 16 Bar
❖ Plant Testing Pressure 1Hr @ 20 C	1.5 Times The Working Pressure
❖ Quality Testing Pressure 1Hr @ 20 C	60 Bar
❖ Continuous Service Temp Limit	90°C
❖ Max Peak Temp	90°C
❖ O Ring & Lip Gasket Material	HNBR / EPDM/ VITON
❖ Thread Standard	BSP (Metric) / NPT
❖ Fitting Body Surface Treatment	Certified By Qualicoat
❖ Manufacturing With Safety Norms	CE



All pipe cuts must be carefully deburred on both the inside and outside using a manual or electric deburring tool. Any cutting residue (swarf) must be thoroughly removed to prevent damage to the O-ring during pipe insertion into the fitting, thereby avoiding potential leaks.



The pipe must be securely crimped using a manual or electric crimping tool to ensure proper retention within the fitting. Correct crimping provides a firm mechanical grip, maintains alignment, and ensures a reliable, leak-free connection. Always verify that the crimp is uniform and meets the specified dimensions before putting the system into service.

Technical Spec Integrated Fittings :

❖ Alloy	Aluminium Alloy 6063 T5 & T6
❖ RA Value	0.6(Axial) 1.2 (Radial)
❖ Tensile Strength	150Min Mpa
❖ Hardness	60BHN
❖ Colour Code	Blue RAL(5012) Other Colors Are Optional
❖ Tolerance	Tolerance Std IS 2763, IS 3965, EN 755-2



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