

Light Weight Mine Ventilation Duct (LWMVD)

BENEFITS & FEATURES

- FRAS COMPLIANT
- FIT FOR PURPOSE SOLUTION
- ULTRA LIGHT WEIGHT
- HIGH PERFORMANCE
- CARBON FIBRE
- REDUCE MANUAL HANDLING RISK



RPC INTRODUCES A NEW GENERATION LWMVD - WITH MORE THAN 30 YEARS' MVD EXPERIENCE RPC HAS THE CAPABILITY TO RESPOND TO ALL YOUR PARTICULAR NEEDS.



RPC Technologies Pty Ltd is the supplier of a fully Fire Retardant Anti Static (FRAS) compliant MVD range made of carbon fibre - the Light Weight Mine Ventilation Duct (LWMVD) is distributed by VLI to the Australian and New Zealand market.

With more than 30 years' MVD experience RPC has the capability to respond to all your particular needs.

The carbon fibre ducting and fittings offer a low cost, FRAS approved and fit-for-purpose solution.

The carbon fibre product range provides a high performance and ultra-light weight duct which brings versatility from an economical and reliable solution and brings you a high performance and quality engineered product.

A major benefit of choosing LWMVD for your next project is the fact that they reduce the manual handling risk, as the effort required to install or relocate them is significantly reduced.

Leight Weight Mine Ventilation Duct (LWMVD)

RPC offers a number of fitting configurations and ducting length (duct standard lengths are 2, 2.4 and 3 meters):

- Round Straight duct (Ø618, Ø718, Ø750, Ø900)
- Oval straight duct (870x355 and 1075x400)
- Elbow (Round or Oval, 15°, 30°, 45°, 60°, 70° and 90°)
- Tee and branches (Round to round or oval to round, 30°, 45°, 60°, 70° and 90°)
- Reducers/Adaptors (round to round or oval to round, concentric or eccentric)

- Sliders
- End cap (round or oval)
- Relief valve
- Air damper
- Typhoon Fans – 5.2m³/sec at 650 kPa airline pressure

RPC can also cater to your particular needs and special application upon request, please email manufacturing@rpctechnologies.com for further information.

Table of weights for LWMVD

LWMVD	Diameter (mm)	2.0 metres	2.4 metres	3.0 metres
		Weight (kg)		
	618 Ø	13 kg	15 kg	18 kg
	718 Ø	15 kg	18 kg	21 kg
	750 Ø	under development		
	900 Ø	under development		

Note: The above table of weights are correct at the time of publishing this Product Data Sheet and may be subject to change.



Virginie Dorbais - Materials and Design Engineer - at RPC Broadmeadow demonstrating the light weight nature of LWMVD.



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