

FLEXIBLE DUCTING - Unilok FR1

Diameter (mm)	Length (m)	Nude	Thermally Insulated		
			R0.6 (40mm)	R1.0 (70mm)	R1.5
		Order Code	Order Code	Order Code	Order Code



100	3	DCT1133	DCT1144		
	6	DCT1198	DCT1202		
125	3	DCT1134	DCT1469		
	6	DCT1143	DCT1204		
150	3	DCT0561	DCT0583	DCT0817	DCT3038
	6	DCT0562	DCT0584	DCT0818	
200	3	DCT0563	DCT0585	DCT0819	DCT3039
	6	DCT0564	DCT0586	DCT0820	
250	3	DCT0565	DCT0587	DCT0821	DCT3040
	6	DCT0566	DCT0588	DCT0822	
300	3	DCT0567	DCT0589	DCT0823	DCT3041
	6	DCT0568	DCT0590	DCT0824	
350	3	DCT0569	DCT0591	DCT0825	DCT3042
	6	DCT0570	DCT0592	DCT0826	
400	3	DCT0571	DCT0593	DCT0827	DCT3043
	6	DCT0572	DCT0594	DCT0828	
450	3	DCT0573	DCT0595	DCT0829	
	6	DCT0574	DCT0596		
500	3	DCT0575	DCT0597	DCT0830	
	6	DCT0576			
550	3	DCT0577	DCT0599		
600	3	DCT0578	DCT0600		

UNILOK FR1 thermally insulated fire retardant ducting is a flexible duct manufactured “tough” for consumer and installer peace of mind. Unlike other types of flexible duct, UNILOK FR1 has an outer steel rib that ensures the products integrity and correct diameter, even in the tightest bends. Due to its steel rib, it is not prone to glue failure or fatigue (sagging or ovalisation) from vibration with age like plastic ribbed or non-ribbed glued duct.

- Fully complies to AS4254 & AS1530 Pt3 and New Zealand Building Code
- DUCT CORE: A UV resilient fire retardant 100µm black low density polyethylene material mechanically locked into an outer metal helix with a copper coated spring steel wire
- DUCT SLEEVE: Fire retardant 75µm black low density UV-stabilised polyethylene
- TEMPERATURE RANGE: Maximum: +80°C, Minimum: -10°C

FLEXIBLE DUCTING - Unilok FR1

Diameter (mm)	Length (m)	Thermally and Acoustically Insulated		
		R0.6 (40mm)	R1.0 (70mm)	R1.5
		Order Code	Order Code	Order Code



100	3	DCT1216	DCT1268	
125	3	DCT1164	DCT1176	
	6	DCT1224		
150	3	DCT0633	DCT0833	DCT3032
	6	DCT0634	DCT0834	
200	3	DCT0635	DCT0835	DCT3033
	6	DCT0636	DCT0836	
250	3	DCT0637	DCT0837	DCT3034
	6	DCT0638	DCT0838	
300	3	DCT0639	DCT0839	DCT3035
	6	DCT0640	DCT0840	
350	3	DCT0641	DCT0841	DCT3036
	6	DCT0642	DCT0842	
400	3	DCT0643	DCT0843	DCT3037
	6	DCT0644	DCT0844	
450	3	DCT0645	DCT0845	
500	3	DCT0647	DCT0846	
550	3	DCT0649		
600	3	DCT0650		

UNILOK FR1 thermally and acoustically insulated fire retardant ducting is a flexible duct manufactured “tough” for consumer and installer peace of mind. UNILOK FR1 acoustic ducting is also manufactured “whisper quiet”. Unlike other types of flexible duct, UNILOK FR1 has an outer steel rib that ensures the products integrity and correct diameter, even in the tightest bends. Due to its steel rib, it is not prone to glue failure or fatigue (sagging or ovalisation) from vibration with age like plastic ribbed or non-ribbed glued duct.

- Fully complies to AS4254 & AS1530 Pt3 and New Zealand Building Code
- Designed for low noise air transfer
- DUCT CORE: A UV resilient fire retardant 100µm black low density polyethylene perforated material mechanically locked into an outer metal helix with a copper coated spring steel wire.
- DUCT SLEEVE: Fire retardant 75µm black low density UV-stabilised polyethylene
- TEMPERATURE RANGE: Maximum: +80°C, Minimum: -10°C

Insertion Loss, dB Octive Band Centre Frequency: Nominal 3m Length							
Acoustic Ducting Sample	125	250	500	1000	2000	4000	8000
150mm UNILOK FR1 R0.6 AI	35.5	39.2	36.0	30.3	29.8	31.5	22.5
300mm UNILOK FR1 R0.6 AI	33.3	35.9	27.3	31.0	28.1	17.0	12.2
400mm UNILOK FR1 R0.6 AI	36.1	30.0	20.6	27.2	26.0	12.7	10.5