

Flexible Ducting

by Express-air

Aluminium - Type EAALIFD

Description: Fully flexible, high quality, un-insulated aluminium laminated duct for use in commercial HVAC systems. Easy & Fast installation over round or oval connections. Tough and airtight with a smooth core for low friction loss and lower operation costs.

Construction: 5 x layers of tough "aluminium / polyester laminates" plus flame retardant adhesive, encapsulating a copper plated high tensile steel wire helix.



Order	Standard	Airflow m ³ /s @ Velocity m/s			Order	Standard	Airflow m ³ /s @ Velocity m/s		
Ref	Length	5m/s	10m/s	20m/s	Ref	Length	5m/s	10m/s	20m/s
EAALIFD100	10m	0,039	0,079	0,157	EAALIFD250	10m	0,245	0,491	0,982
EAALIFD125	10m	0,061	0,123	0,245	EAALIFD300	10m	0,353	0,707	1,414
EAALIFD150	10m	0,088	0,177	0,353	EAALIFD315	10m	0,390	0,779	1,559
EAALIFD160	10m	0,101	0,201	0,402	EAALIFD350	10m	0,481	0,962	1,924
EAALIFD180	10m	0,127	0,255	0,509	EAALIFD400	10m	0,628	1,257	2,513
EAALIFD200	10m	0,157	0,314	0,628	EAALIFD450	10m	0,795	1,590	3,180
EAALIFD225	10m	0,199	0,398	0,795	EAALIFD500	10m	0,982	1,964	3,928

PVC - Type EAPVCFD

Description: Fully flexible, high quality, un-insulated aluminium laminated duct for use in commercial HVAC systems. Easy & Fast installation over round or oval connections. Tough and reinforced by a "grey outer skin" for resistance to tear and puncture, airtight with a smooth core for low friction loss and lower operation costs.

Construction: 6 x layers of tough "aluminium / polyester / co-polymer laminates" plus flame retardant adhesive, encapsulating a copper plated high tensile steel wire helix.



Order	Standard	Airflow m ³ /s @ Velocity m/s			Order	Standard	Airflow m ³ /s @ Velocity m/s		
Ref	Length	5m/s	10m/s	20m/s	Ref	Length	5m/s	10m/s	20m/s
EAPVCFD100	10m	0,039	0,079	0,157	EAPVCFD250	10m	0,245	0,491	0,982
EAPVCFD125	10m	0,061	0,123	0,245	EAPVCFD300	10m	0,353	0,707	1,414
EAPVCFD150	10m	0,088	0,177	0,353	EAPVCFD315	10m	0,390	0,779	1,559
EAPVCFD160	10m	0,101	0,201	0,402	EAPVCFD350	10m	0,481	0,962	1,924
EAPVCFD180	10m	0,127	0,255	0,509	EAPVCFD400	10m	0,628	1,257	2,513
EAPVCFD200	10m	0,157	0,314	0,628	EAPVCFD450	10m	0,795	1,590	3,180
EAPVCFD225	10m	0,199	0,398	0,795	EAPVCFD500	10m	0,982	1,964	3,928

Semi-Rigid - Type EASEMFD

Description: Semi flexible, high quality, aluminium duct for use in all low / medium pressure systems and suitable for AC. Easy & Fast installation, tough and airtight.

Construction: 1 x wound layer of tough corrugated aluminium. "Triple Locked" seams for air tightness & strength.

Order	Standard	Airflow m ³ /s @ Velocity m/s		
Ref	Length	5m/s	10m/s	20m/s
EASEMFD100	3m	0,039	0,079	0,157
EASEMFD125	3m	0,061	0,123	0,245
EASEMFD150	3m	0,088	0,177	0,353
EASEMFD160	3m	0,101	0,201	0,402
EASEMFD200	3m	0,157	0,314	0,628
EASEMFD250	3m	0,245	0,491	0,982

