

Description

The Bradflo range of industrial ducting is made from a range of special purpose fabrics with a external helix. This helix is formed to clamp the fabric in a mechanical lock. No adhesives are used at all.

The construction provides strength and durability to resist rough external treatment while maintaining good flexibility.

Extractaflex is easy to handle and may be compressed to about 1/5th of its extended length. It is suitable for both high and low pressure applications.

Ordering procedure

Using the chart below, select your requirements and substitute the underscored text **Type..D..L**

Example: If your requirement is for a AHEEHT (extra high temperature duct), 127 mm in dia. 6 m long, the ordering code would be **AHEEHT..127..6** (When ordering it is not necessary to include the periods [..])

Product Size Numbers		
Type	Diameter "D"	Length "L"
	Millimetre	Metre
AHEGG	051	1-10
AHEYG	076	1-10
AHEHT	102	1-10
AHEEHT	127	1-10
AHEHD	152	1-10
	203	1-10
	305	1-10
	356	1-10
	406	1-10
	457	1-10
	610	1-10

5.14

AHE

EXTRACTAFLEX DUCT



Types of Extractaflex duct

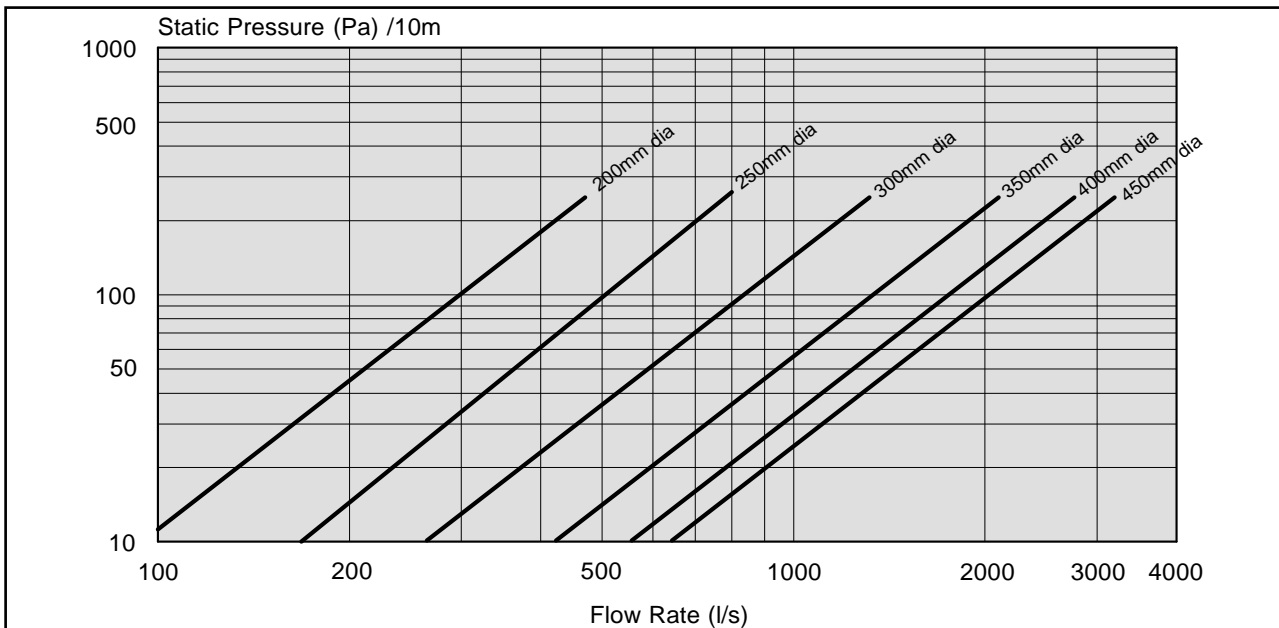
Type	Description	Properties
AHEGG	PE Green	General service dust collection, fume control, light abrasion, gravity feed. Temperature: -30 deg C - +60 deg C
AHEYG	PE Yellow	

Type	Description	Properties
AHEHT	Flexible aluminium	High temperature air and fume control including welding fumes. Temperature: -30 deg C - +150 deg C

Type	Description	Properties
AHEEHT	Silicone grey	Extremely hot air, dust and fume control Resists alkalis, ozone and fungi Temperature: -30 deg C - +220 deg C

Type	Description	Properties
AHEHD	Tarp black	Heavy duty dust collection, internal and external abrasion, gravity feed. Temperature: -30 deg C - +120 deg C

Performance data



These graphs are for selection only and should not be used for commissioning

Ratings

Maximum air velocity: 30 m/s

Airflow temperature: Refer description above

Working pressure & vacuum: Refer chart next page.

Nominal diameter mm	Maximum recommended	
	Working pressure kPa	Vacuum mm WG
51	-	-
76	40	3200
102	34	2800
127	28	2400
152	20	1920
203	10	1200
305	3	250
610	1	50

Chemical compatability

	AHEGG AHEYG	AHEHT	AHEEHT	AHEHD		AHEGG AHEYG	AHEHT	AHEEHT	AHEHD
Acetaldehyde	c	c	c	x	Hydrochloric acid dilute	s	x	s	s
Acetic acid dilute	s	c	s	s	Hydrogen	s	s	s	s
Acetone	x	c	c	x	Hydrogen sulphide	s	c	s	c
Acetylene gas	x	s	x	c	Kerosene	x	c	x	c
Aluminium hydroxide	s	s	s	s	Lime (hydrated)	s	c	s	s
Ammonia gas	s	c	s	s	Methyl alcohol	x	c	s	s
Ammonium hydroxide	s	c	s	s	Methylethyl ketone	x	c	x	x
Amyl alcohol	x	c	s	s	Natural gas	s	s	s	s
Aniline	x	s	s	x	Nitric acid dilute	s	x	s	c
Animal fats & oils	c	s	c	c	Nitrogen	s	s	s	s
Benzene	x	c	x	x	Nitrobenzene	c	c	x	x
Bromine gas	x	c	s	x	Oxygen	s	s	s	s
Butane gas	x	s	s	c	Perchlorethylene	x	c	x	x
Carbon dioxide	s	s	s	s	Petrol	x	c	x	c
Carbon monoxide	s	s	s	s	Phenol	x	c	c	c
Carbon tetrachloride	x	x	x	x	Propane gas	c	s	s	s
Cement-high alumina	s	s	s	s	Sodium carbonate	s	c	s	s
Cement-portland	s	s	s	s	Sodium silicate	s	s	s	s
Chalk (dry)	s	s	s	s	Sulphur dioxide (dry)	s	c	s	c
Chlorine gas	x	x	s	x	Sulphuric acid dilute	s	x	s	s
Chlorinated solvents	c	c	x	x	Tetrahydrofuran	x	c	x	x
Chloroform	x	x	x	x	Toluene	x	c	x	x
Citric acid	s	s	s	s	Trichlorethene	x	c	x	x
Crude oil	c	c	c	c	Turpentine	x	c	x	x
Cyclohexane	x	c	x	x	Urea	s	s	s	s
Diesel oil	x	s	c	c	Water	s	c	s	s
Ether	x	c	x	c	Xylene	x	c	x	x
Ethyl alcohol	x	c	s	s					
Ethyene glycol	x	c	s	s					
Formaldehyde	s	c	c	c					
Gypsum (dry)	s	s	s	s					

s - satisfactory, c - conditional, x - not suitable