

Dekabon Tubing / Synflex 1300 Tube

Product Code: DEK



Description

Dekabon Tubing, also known as Synflex 1300 Tube, Eaton 1300, or Maluform Metal/Plastic Composite Tubing, is a high-performance malleable metal tubing coated in a durable HDPE cover. Designed to withstand a working pressure of 10 Bar, this tubing is ideal for a wide range of industrial applications. Often referred to as "Stay Put" tubing due to the ability to hold its shape when bent and positioned, this feature makes the Dekabon tube extremely useful for delicate or sensitive applications.

Features

- **Tube Material:** Polyethylene / Aluminium composite - Black high-density polyethylene bonded to an overlapped aluminium tape with an ethylene copolymer coating.
- **Construction:** High Density Polyethylene Cover with a Polyethylene / Aluminium Core Tube.
- **Surface Finish:** Smooth
- **Available Colours:** Black

Construction

The Dekabon Tubing features an inner layer of aluminium with an ethylene copolymer coating, ensuring durability and resistance to harsh environments. The outer cover is made from a thick layer of high-density

polyethylene (PE), providing additional protection and flexibility.

Operating Temperature

Suitable for temperatures ranging from **-40°C to 80°C** (-40°F to 176°F), making it versatile for various industrial conditions.

Applications

- Borescopes
- Endoscopes
- Turbine Inspection
- Air and Gas Sampling
- Corrosive Environments
- Pneumatic Instrumentation and Control Lines in very wet or moist environments

Specifications

Part	O.D.	I.D.	Wall mm	B.P. bar	Mass g/m
DEK06	6mm	4mm	1.00	115	20
DEK08	8mm	5.3mm	1.35	115	32
DEK10	10mm	6.3mm	1.85	115	57
DEK12	12mm	8.13mm	1.94	98	75
DEK14	14mm	9.75mm	2.13	98	96
DEK15	15mm	10.8mm	2.13	65	106
DEK1/4	¼"	0.170"	1.02	115	24
DEK3/8	⅜"	¼"	1.57	115	52
DEK1/2	½"	⅜"	1.57	70	73

Phone: 01636 816 612 | Email: dekabon@megaflex.co.uk

Dekabon.co.uk, The Old Rectory, Landcross, Bideford, Devon, EX39 5JA

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