

# Product Data Sheet

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# Peristaltic Hose

## High Precision Machine Ground Peristaltic Hose

### MANUFACTURERS OF PERISTALTIC HOSE FOR ALL MAKES OF PUMP

#### Highlights

- Our hose is purchased by original Pump Manufacturers
- End users include many Blue Chip companies Worldwide
- Largest range of hose bores from 6 to 150mm
- Widest choice of materials
- Highest temperature hose

#### Your Guarantee

- Hose Life as good or better than your current supplier
- Exact tolerances every time
- Complete satisfaction
- Quote MK777 on your order

#### Special Service

- We will reserve stock just for you by arrangement
- Full hose development for non-standard applications
- Free site survey with advice on ways to improve hose life

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Environmental Pumping Solutions Ltd manufactures precision machine ground peristaltic pump hose of the highest quality for peristaltic pump Manufacturers and end users of all sizes throughout the World.



Our original hose was first developed in 1977 for the inventors of the Peristaltic pump. Over the last 30 years of course, there has been a transformation in the hoses design and its ever improving reliability.

We are proud to be at the forefront of pioneering many of these developments and today offer the most complete & reliable range of peristaltic hose solutions available anywhere in the World.



#### General Technical Data

Hose ID mm	No. Plys	Max Operating Pressure Barg	Burst Pressure psi	Unpacked Weight kg (Model dependant)
10	2	8	1090	0.6
15	2	8	1090	0.65
20	2	8	1090	1.4
25	4	16	1090	2
32	4	16	1015	3.4
40	4	16	1015	4.2
50	4	16	940	6.5
65	4	16	940	11.6
80	4	16	870	19
100	4	16	800	30
125	6	16	600	54
150	6	16	600	108

We have the capability to make a wide variety of dims, weights and designs. If your exact specification is not detailed please call & ask.

#### Materials Selection:

We have significant materials compatibility charts and would be happy to recommend the best materials for your application.

If you need a hose material not listed below, please call us and we will do our best to help.

#### • Natural Rubber

Our Product Code NRH

A first choice for all general applications as it provides the best mechanical life.

Ideal for use with mild acids, alkalis and most oxidizing agents.

Excellent resistance to abrasive slurries.

Temp Range: -20 to 80 Degrees C

#### • Buna Nitrile Food Grade

Our Product Code NIT-FG

Suitable for use with oil based solutions that require a food grade liner.

Ideal with food oils, fats and most detergents.

Hose liner material FDA approved.

Temperature Range: -20 to 80 Deg C

(Request certificates with order if required)

#### • Buna Nitrile Industrial Grade

Our Product Code NIT-IND

Ideal with industrial oils, fats and detergents. Excellent resistance to abrasive slurries.

Temperature Range: -20 to 80 Deg C

#### • Butyl

Our Product Code BUTY

For use on high temperature applications and for specific chemical resistances.

Temp Range: -30 to 110 Deg C

#### • EPDM

Our Product Code EPDM

For specific solvent resistances to ketones, esters and many concentrated acids.

Temp Range: -20 to 100 Degrees C

#### • Hypalon

Our Product Code HYP

For use with aggressive acids, alkalis and oxidizing solutions.

Temp Range: -10 to 80 Degrees C

#### • Neoprene

Our Product Code NEO

For specific chemical resistances enquire.

Temp Range: -10 to 80 Degrees C

The above data is for general guidance only. Please confirm your application with our technical department.  
Temp Range assumes no ambient influences. On high temperature applications please call for free advice.