

MATERIAL DATA SHEET

To Whom It May Concern:

Ref: NATURAL RED RUBBER HOSES (COMPOUNDS)

Product Code	Description
211501	Red Rubber Tubing 3mm Bore 0.75mm Wall
211502	Red Rubber Tubing 5mm Bore 1.5mm Wall BS2775
211503	Red Rubber Tubing 6.5mm Bore 1.5mm Wall
211504	Red Rubber Tubing 8mm Bore 2mm Wall
211505	Red Rubber Tubing 10mm Bore 2mm Wall BS2775
211506	Red Rubber Tubing 12.5mm Bore 2.25mm Wall
211558	Red Rubber Pressure Tubing 5mm Bore 4mm Wall
211554	Red Rubber Pressure Tubing 8mm Bore 5.5mm Wall

Physical Properties

HARDNESS	(IRHD)	51°
T.S.	(M/Pa)	9.8
ELONGATION @ BREAK	(%)	669
TEAR STRENGTH	(N/mm)	76.54
COMPRESSION SET	(%)	25.45
(24 HRS @ 70 DEG.C)		

AIR AGED

(72HRS @ 70 DEG C)

CHANGE IN HARDNESS	(IRHD)	+5
CHANGE IN T.S.	(%)	+6.45
CHANGE IN ELONGATION	(%)	-7.49
@ BREAK		

Yours sincerely,

medline
scientific limited
Chalgrove, Oxford OX44 7XZ

Medline Scientific Limited

Dated 17/08/20

Unit 3, Tower Industrial Park,
Chalgrove, Oxfordshire
OX44 7XZ United Kingdom

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www.medlinescientific.com

Registered in England number: 2772542

MATERIAL DATA SHEET

To Whom It May Concern:

Ref: BLACK NEOPRENE RUBBER (COMPOUNDS)

Product Code	Description
215450	Neoprene Tubing 450mm Long
215600	Neoprene Tubing 600mm Long
215900	Neoprene Tubing 900mm Long
2125041000	Neoprene Tubing Bore: 8mm Wall: 2mm

Physical Properties

HARDNESS	(IRHD)	50
T.S.	(M/Pa)	10.7
ELONGATION @ BREAK	(%)	715
TEAR STRENGTH	(N/mm)	20.72
COMPRESSION SET (22 HRS @ 70 DEG.C)	(%)	43.89

AIR AGED (72HRS @ 70 DEG C)		
CHANGE IN HARDNESS	(IRHD)	+3
CHANGE IN T.S.	(%)	+3.64
CHANGE IN ELONGATION @ BREAK	(%)	-5.77

Yours sincerely,

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Material Data Sheet

Ref: Product Code: 10953330
Extruded Acrylic Tube 30mm (24) * 1000mm

To Whom It May Concern:

It is generally accepted in the industry that acrylic sheet, block, rod and tube is suitable for use in contact with foodstuffs. However, due to the enormous complexity of modern foods and certain aggressive foods each case should be studied individually.

As part of our continual improvement and quality plan Alternative Plastics will be seeking food approval for the four types of food (water, Acetic Acid, Alcohol and Olive Oil) for our acrylic products and adhesives.

At this time we can confirm the following regarding-

Clear Extruded Tube ordered with a Certificate of Conformity and in the following grade:
ALT/ERTP/B/1 -

Has clearance under FDA food additive regulation 21 CFR 177.1010 for use with all types of food, at or below room temperature, except for food with a high alcoholic content (>8%)

Yours sincerely,

medline
Chalgrave, Oxford OX44 7XZ

Medline Scientific Limited

Dated 14/08/20

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