

FEATURES

- Improved low temperature flexibility
- Good abrasion resistance
- Effective kink resistance
- Specially selected high tensile polyester fibres used at the optimum braid angle
- Silicone free

RS PRO PVC Flexible Tubing, Yellow, 32.5mm External Diameter, 25m Long, Reinforced, Water Applications

RS Stock No.: 197-8291



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This 100% PVC heavy-duty water hose incorporates innovative Spiralap technology for improved longevity and performance in all climatic conditions. An all-year round trusted favourite that retains its flexibility whatever the weather. It is compatible with all leading brands of water hose fittings.

General Specifications

Material	PVC
Colour	Yellow
Reinforced	Yes
Application	Water, In agriculture for irrigation, Heavy-duty industrial use

Mechanical Specifications

Inner Diameter	25mm
Outer Diameter	32.5mm
Bend Radius	200mm
Length	25m
Safety Factor	3:1

Operation Environment Specifications

Minimum Operating Temperature	-15°C
Maximum Operating Temperature	+60°C
Maximum Working Pressure	10 bar



Approvals

Compliance/Certifications	
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	BS 3746:1990
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TECHNICAL DATA

EXTRAFLEX REINFORCED PVC
(U.K. And European Sizes)

Product Ref	Size		Weight per coil kgs	Working Pressure @ 20°C		Burst Pressure @ 20°C	
	I.D.	O.D.		PSI	BAR	PSI	BAR
GH 12Y	12.5	17.5	3.3	10	32	500	345
GH 16Y	16	20.3	4.1	10	31	455	310
GH 19Y	19	25.5	5.3	10	30	325	225
GH 25Y	25	32.5	10.5	10	37	275	190
GH 30Y	30	39	16.5	10	33	485	335
GH 40Y	40	51	26.5	10	31	455	310
GH 50Y	50	63	38.9	10	30	441	305

Ex-stock in 25m coils.
Also available in 50 and 100m coils } up to 25Y only
Printed 'Extraflex' every 1/2 metre along the length.
Each coil complete with shrink wrap.

Conforms to Products Standards:
BS 3746 : 1990

Test Methods & Procedures:
BS EN ISO 7751 : 1997
ISO 1402 : 1994, BS EN 24671 : 1993
BS EN 28033 : 1993, ISO 2883 : 1991
BS EN ISO 1307 : 1996

Braiding and Braid Angles

Much is said and written about braid angle and there is no dispute about the general philosophy and principle of 54° 44' (54.73°) being the optimum angle.

