

## Features

- Non-yellowing
- High-tear resistance
- Suitable for most food applications
- WRAS and FDA approved

## RS PRO Platinum Cured Silicone Tubing



RS PRO 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

*RS PRO Silicone tubing in platinum cured translucent is designed for a variety of pump and transfer applications including pharmaceutical, laboratory, bioprocess manufacturing and food and beverage applications.*

- *The tubes are able to withstand a high temperature of 200°C (intermittent)*
- *Available in various internal diameters and wall thickness*

## General Specifications

Material	Silicone
Food Grade	Yes
Colour	Translucent
Peristaltic Pump Compatible	Yes
Application	Laboratory, Bioprocess Manufacturing, Food and Beverage, Peristaltic Pump and Transfer Applications

## Mechanical Specifications

Properties	Value	Test Method
Density	1.15 g/cm <sup>3</sup>	
Shore A Hardness	60 ShA	D53505
Tensile Strength At Break	10.3 N/mm <sup>2</sup>	DIN 53504S1
Elongation At Break	600%	DIN 53504S1
Tear Strength	25 N/mm <sup>2</sup>	ASTM D624 B
Impact Resistance	60%	DIN 53512
Compression Set	20%	DIN ISO 815-B [22h @ 175°C]
Specific Gravity	1.15 g/cm <sup>3</sup>	DIN EN ISO 1183-1A

## Operation Environment Specifications

Minimum Operating Temperature	-40 °C
Maximum Operating Temperature	200 °C

## Approvals

Compliance/Certifications	FDA, BfR compliant, full WRAS approval for hot and cold water and 1935/2004 compliant material used.
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## Available Sizes

Stock No.	Internal Diameter (mm)	Wall Thickness (mm)	Outside Diameter (mm)	Length (m)
2732487	0.5	0.5	1.5	10
2732488	0.5	0.8	2.1	10
2732489	0.8	0.8	2.4	10
2732509	1	0.5	2	10
2732510	1	1	3	10
2732490	1.5	0.5	2.5	10
2732491	1.5	0.75	3	5
2732492	1.5	1	3.5	10
2732493	1.6	0.8	3.2	10
2732494	1.6	1.6	4.8	5
2732515	2	1	4	10
2732516	2	2	6	5
2732511	2.4	0.8	4	5
2732521	3	1	5	5
2732520	3	1.5	6	5
2732522	3	2	7	2
2732517	3.2	0.8	4.8	5
2732519	3.2	1	5.2	5
2732518	3.2	1.6	6.4	5
2732525	4	0.8	5.6	5
2732527	4	1	6	5
2732526	4	1.5	7	5
2732528	4	2	8	2
2732529	4	3	10	2
2732523	4.8	0.8	6.4	5
2732524	4.8	1.6	8	5
2732531	5	1	7	5
2732530	5	1.5	8	5
2732533	5	2	9	2

# Hose Pipes & Flexible Tubing



2732532	5	2.5	10	2
2732539	6	1	8	2
2732538	6	1.5	9	2
2732540	6	2	10	2
2732541	6	3	12	2
2732534	6.3	1.6	9.5	2
2732535	6.3	2.4	11.1	2
2732536	6.3	3.2	12.7	1
2732537	6.4	0.8	8	2
2732542	7	1.5	10	2
2732543	7	2	11	2
2732544	8	1.6	11.2	2
2732547	8	2	12	2
2732545	8	2.4	12.8	2
2732546	8	2.5	13	2
2732548	8	3	14	1
2732549	8	4	16	1
2732553	9	2	13	2
2732554	9	3	15	1
2732550	9.5	2	15.9	1
2732551	9.6	1.6	12.8	2
2732552	9.6	2.4	14.4	2
2732495	10	1	12	2
2732497	10	2	14	2
2732496	10	2.5	15	1
2732498	10	3	16	1
2732499	10	4	18	1
2732503	12	2.4	16.8	2
2732500	12.7	3.2	19.1	1
2732501	12.8	1.6	16	2
2732502	12.8	2.4	17.6	1
2732504	13	2	17	1
2732505	15	3	21	1
2732506	16	2.4	20.8	1
2732507	16	3	22	1
2732508	19	3.2	25.4	1
2732512	20	3	26	1
2732513	22	3	28	1
2732514	25	3	31	1