

Rubber Tubing

- Extensive range of tubing
- Extruded from the highest-grade elastomeric compound
- Excellent elasticity along with mechanical and electrical protection
- The tubing can be stretched x5 in fitting and x2 in use
- Can reduce your stock holding as one size of tube covers a wide range of cable diameters

There are four types of rubber available:

1. Helsyn120 - Neoprene Rubber (H and TH)
2. Helsyn 150 - PVC Nitrile Rubber (HT)
3. Helsyn 250 - Silicone Rubber - (SLP, SLL, SLH and SLT)
4. LFH Silicone Rubber - (SLPLU)

All products are available in either tubing form or cut lengths (please see bottom of the page for ordering example).

Helsyn 120 - Neoprene Rubber (H and TH)

- Ideal for most commercial applications.
- Helsyn is also available as Twintex (ZH and ZTH) which has an improved ozone and UV resistant finish.



Helsyn 120 (H)			
Ref.	H Standard Wall		
Name	Helsyn 120		
Material	Neoprene Rubber		
Min. Working Temperature	-65°C		
Max. Working Temperature	95°C		
Intermittent Temperature	120°C		
Proof Voltage	4kV		
Good Resistance To	Mineral and Vegetable Oils, Aromatic Fuels, Acids, Alkalis, Moisture, Ozone, UV		
Material Specification	BS3G198 Part 1 Type 1, Def Stan 59-15 Types D2a and D2c, BS3858 Type 1		
Standard Colours	IRCC or Pink (PK)		
Ref	ID	Wall Thickness	Colours
H12	1.2mm	0.7mm	IRCC or Pink (PK)
H15	1.5mm	0.8mm	IRCC or Pink (PK)
H20	2.0mm	0.8mm	IRCC or Pink (PK)
H25	2.5mm	0.8mm	IRCC or Pink (PK)
H30	3.0mm	0.8mm	IRCC or Pink (PK)
H40	4.0mm	1.0mm	IRCC or Pink (PK)
H50	5.0mm	1.0mm	IRCC or Pink (PK)
H75	7.5mm	1.3mm	IRCC or Pink (PK)
H100	10.0mm	1.5mm	IRCC or Pink (PK)
H120	12.0mm	1.6mm	IRCC or Pink (PK)
H150	15.0mm	1.7mm	IRCC or Pink (PK)

Helsyn 120 (TH)			
Ref.	TH Thin Wall		
Name	Helsyn 120		
Material	Neoprene Rubber		
Min. Working Temperature	-65°C		
Max. Working Temperature	95°C		
Intermittent Temperature	120°C		
Proof Voltage	4kV		
Good Resistance To	Mineral and Vegetable Oils, Aromatic Fuels, Acids, Alkalis, Moisture, Ozone, UV		
Material Specification	BS3G198 Part 1 Type 1, Def Stan 59-15 Types D2a and D2b, BS3858 Type 1		
Standard Colours	IRCC or Pink (PK)		
Ref	ID	Wall Thickness	Colours
TH5	0.5mm	0.5mm	IRCC or Pink (PK)
TH8	0.8mm	0.5mm	IRCC or Pink (PK)
TH10	1.0mm	0.5mm	IRCC or Pink (PK)
TH12	1.2mm	0.5mm	IRCC or Pink (PK)
TH15	1.5mm	0.6mm	IRCC or Pink (PK)
TH20	2.0mm	0.6mm	IRCC or Pink (PK)
TH30	3.0mm	0.6mm	IRCC or Pink (PK)
TH50	5.0mm	0.8mm	IRCC or Pink (PK)
TH75	7.5mm	0.9mm	IRCC or Pink (PK)
TH100	10.0mm	1.0mm	IRCC or Pink (PK)
TH150	15.0mm	1.5mm	IRCC or Pink (PK)

All dimensions are in mm (nominal) and are subject to technical modification. For cut lengths, please add the prefix P to the sleeving references listed above – e.g PH100x(length)(colour).

PVC Nitrile Rubber - Helsyn 150 (HT)

- Ideally suited to aerospace and mass transit markets where higher temperatures are encountered.

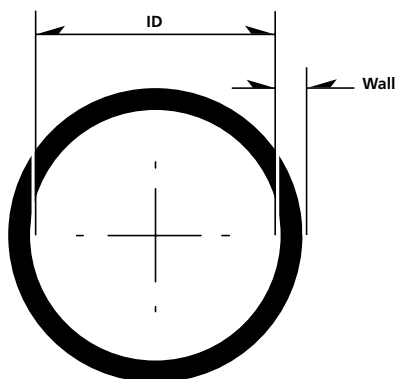
Helsyn 150 (HT)			
Ref.	HT		
Name	Helsyn 150		
Material	PVC Nitrile Rubber		
Min. Working Temperature	-65°C		
Max. Working Temperature	120°C		
Intermittent Temperature	150°C		
Proof Voltage	4kV		
Good Resistance To	Mineral and Vegetable Oils, Aromatic Fuels, Acids, Alkalis, Moisture, Ozone, UV		
Material Specification	BS3G198 Part 1 Type 2, Def Stan 59-15 Type D3, BS3858 Type 4		
Standard Colours	IRCC or Pink (PK)		
Ref	ID	Wall Thickness	Colours
HT5	0.5mm	0.6mm	IRCC or Pink (PK)
HT8	0.8mm	0.6mm	IRCC or Pink (PK)
HT10	1.0mm	0.6mm	IRCC or Pink (PK)
HT15	1.5mm	0.6mm	IRCC or Pink (PK)
HT20	2.0mm	0.6mm	IRCC or Pink (PK)
HT25	2.5mm	1.0mm	IRCC or Pink (PK)
HT30	3.0mm	1.0mm	IRCC or Pink (PK)
HT40	4.0mm	1.0mm	IRCC or Pink (PK)
HT50	5.0mm	1.0mm	IRCC or Pink (PK)
HT75	7.5mm	1.3mm	IRCC or Pink (PK)
HT100	10.0mm	1.4mm	IRCC or Pink (PK)
HT150	15.0mm	1.4mm	IRCC or Pink (PK)
HT200	20.0mm	1.4mm	IRCC or Pink (PK)
HT250	25.0mm	1.4mm	IRCC or Pink (PK)

Helsyn 250 - Silicone Rubber (SLP, SLL, SLT and SLH)

- Ideal for areas where higher temperatures and halogen free characteristics are required.

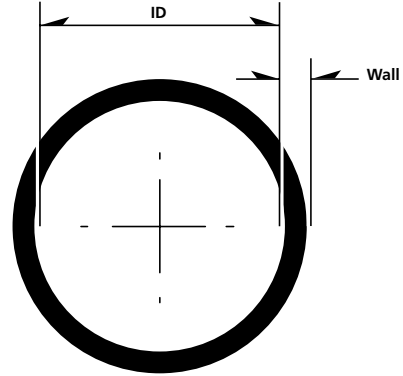
Helsyn 250 (SLP)			
Ref.	SLP		
Name	Helsyn 250		
Wall Thickness (mm)	0.5mm		
Material	Silicone Rubber		
Min. Working Temperature	-65°C		
Max. Working Temperature	180°C		
Intermittent Temperature	250°C		
Halogen Content	Halogen Free		
Excellent Resistance To	Moisture, Ozone, UV		
Good Resistance To	Mineral and Vegetable Oils, Aromatic Fuels, Acids, Alkalis		
Material Specification	BS3G198 Type 4, BS2848 Type 5 Class 180T, BS3858 Type 5, BS6746C, IEC304		
Standard Colours	IRCC, Transparent or Pink		
Ref	ID	Wall Thickness	Colours
SLP5	0.5mm	0.5mm	IRCC, Transparent or Pink
SLP8	0.8mm	0.5mm	IRCC, Transparent or Pink
SLP10	1.0mm	0.5mm	IRCC, Transparent or Pink
SLP12	1.2mm	0.5mm	IRCC, Transparent or Pink
SLP15	1.5mm	0.5mm	IRCC, Transparent or Pink
SLP20	2.0mm	0.5mm	IRCC, Transparent or Pink
SLP25	2.5mm	0.5mm	IRCC, Transparent or Pink
SLP30	3.0mm	0.5mm	IRCC, Transparent or Pink
SLP40	4.0mm	0.5mm	IRCC, Transparent or Pink
SLP50	5.0mm	0.5mm	IRCC, Transparent or Pink
SLP70	7.0mm	0.5mm	IRCC, Transparent or Pink
SLP100	10.0mm	0.5mm	IRCC, Transparent or Pink
SLP120	12.0mm	0.5mm	IRCC, Transparent or Pink
SLP150	15.0mm	0.5mm	IRCC, Transparent or Pink

All dimensions are in mm (nominal) and are subject to technical modification. For cut lengths, please add the prefix P to the sleeving references listed above – PHT20x(length) (Colour).



Ordering Example

HT20BK
 └── Black
 └── 2.0mm ID
 └── PVC Nitrile Rubber



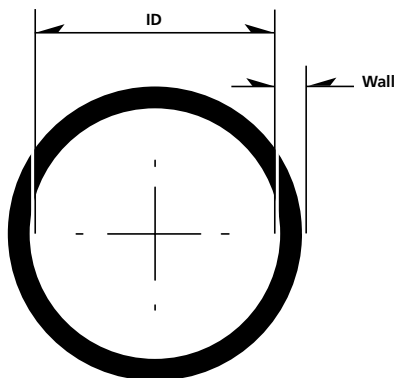
Helsyn 250 (SLL)		SLL <small>(halogen free)</small>	
Ref.			
Name	Helsyn 250		
Wall Thickness (mm)	0.2mm		
Material	Silicone Rubber		
Min. Working Temperature	-65°C		
Max. Working Temperature	180°C		
Intermittent Temperature	250°C		
Halogen Content	Halogen Free		
Excellent Resistance To	Moisture, Ozone, UV		
Good Resistance To	Mineral and Vegetable Oils, Aromatic Fuels, Acids, Alkalis		
Material Specification	BS3G198 Type 4, BS2848 Type 5 Class 180T, BS3858 Type 5, BS6746C, IEC304		
Standard Colours	IRCC, Pink (PK) or Transparent (TT)		
Ref	ID	Wall Thickness	Colours
SLL5	0.5mm	0.2mm	IRCC, Transparent or Pink
SLL8	0.8mm	0.2mm	IRCC, Transparent or Pink
SLL10	1.0mm	0.2mm	IRCC, Transparent or Pink
SLL12	1.2mm	0.2mm	IRCC, Transparent or Pink
SLL15	1.5mm	0.2mm	IRCC, Transparent or Pink
SLL20	2.0mm	0.2mm	IRCC, Transparent or Pink
SLL25	2.5mm	0.2mm	IRCC, Transparent or Pink
SLL30	3.0mm	0.2mm	IRCC, Transparent or Pink
SLL40	4.0mm	0.2mm	IRCC, Transparent or Pink
SLL50	5.0mm	0.2mm	IRCC, Transparent or Pink
SLL70	7.0mm	0.2mm	IRCC, Transparent or Pink
SLL100	10.0mm	0.2mm	IRCC, Transparent or Pink
SLL120	12.0mm	0.2mm	IRCC, Transparent or Pink
SLL150	15.0mm	0.2mm	IRCC, Transparent or Pink

Helsyn 250 (SLT)		SLT <small>(halogen free)</small>	
Ref.			
Name	Helsyn 250		
Wall Thickness (mm)	0.7mm		
Material	Silicone Rubber		
Min. Working Temperature	-65°C		
Max. Working Temperature	180°C		
Intermittent Temperature	250°C		
Halogen Content	Halogen Free		
Excellent Resistance To	Moisture, Ozone, UV		
Good Resistance To	Mineral and Vegetable Oils, Aromatic Fuels, Acids, Alkalis		
Material Specification	BS3G198 Type 4, BS2848 Type 5 Class 180T, BS3858 Type 5, BS6746C, IEC304		
Standard Colours	IRCC, Pink (PK) or Transparent (TT)		
Ref	ID	Wall Thickness	Colours
SLT5	0.5mm	0.7mm	IRCC, Transparent or Pink
SLT8	0.8mm	0.7mm	IRCC, Transparent or Pink
SLT10	1.0mm	0.7mm	IRCC, Transparent or Pink
SLT12	1.2mm	0.7mm	IRCC, Transparent or Pink
SLT15	1.5mm	0.7mm	IRCC, Transparent or Pink
SLT20	2.0mm	0.7mm	IRCC, Transparent or Pink
SLT25	2.5mm	0.7mm	IRCC, Transparent or Pink
SLT30	3.0mm	0.7mm	IRCC, Transparent or Pink
SLT40	4.0mm	0.7mm	IRCC, Transparent or Pink
SLT50	5.0mm	0.7mm	IRCC, Transparent or Pink
SLT70	7.0mm	0.7mm	IRCC, Transparent or Pink
SLT100	10.0mm	0.7mm	IRCC, Transparent or Pink
SLT120	12.0mm	0.7mm	IRCC, Transparent or Pink
SLT150	15.0mm	0.7mm	IRCC, Transparent or Pink

All dimensions are in mm (nominal) and are subject to technical modification. For cut lengths, please add the prefix P to the sleeving references listed above – PSLT20x(length) (Colour).

Helsyn 250 (SLH)			
Ref.	(halogen free) SLH		
Name	Helsyn 250		
Wall Thickness (mm)	1.0mm		
Material	Silicone Rubber		
Min. Working Temperature	-65°C		
Max. Working Temperature	180°C		
Intermittent Temperature	250°C		
Halogen Content	Halogen Free		
Excellent Resistance To	Moisture, Ozone, UV		
Good Resistance To	Mineral and Vegetable Oils, Aromatic Fuels, Acids, Alkalis		
Material Specification	BS3G198 Type 4, BS2848 Type 5 Class 180T, BS3858 Type 5, BS6746C, IEC304		
Standard Colours	IRCC, Pink (PK) or Transparent (TT)		
Ref	ID	Wall Thickness	Colours
SLH5	0.5mm	1.0mm	IRCC, Transparent or Pink
SLH8	0.8mm	1.0mm	IRCC, Transparent or Pink
SLH10	1.0mm	1.0mm	IRCC, Transparent or Pink
SLH12	1.2mm	1.0mm	IRCC, Transparent or Pink
SLH15	1.5mm	1.0mm	IRCC, Transparent or Pink
SLH20	2.0mm	1.0mm	IRCC, Transparent or Pink
SLH25	2.5mm	1.0mm	IRCC, Transparent or Pink
SLH30	3.0mm	1.0mm	IRCC, Transparent or Pink
SLH40	4.0mm	1.0mm	IRCC, Transparent or Pink
SLH50	5.0mm	1.0mm	IRCC, Transparent or Pink
SLH70	7.0mm	1.0mm	IRCC, Transparent or Pink
SLH100	10.0mm	1.0mm	IRCC, Transparent or Pink
SLH120	12.0mm	1.0mm	IRCC, Transparent or Pink
SLH150	15.0mm	1.0mm	IRCC, Transparent or Pink

All dimensions are in mm (nominal) and are subject to technical modification.
For cut lengths, please add the prefix P to the sleeving references listed above – PSLH20x(length) (Colour).



LFH Silicone Rubber - (SLPLU)

- Ideal for areas where very high temperatures and LFH characteristics are required.



LUL Approved



Halogen Free



V0 Rated



Limited Fire Hazard



Low Toxicity

LFH Silicone Rubber (SLPLU)			
Ref.	SLPLU		
Material	LFH Silicone Rubber		
Min. Working Temperature	-70°C		
Max. Working Temperature	180°C		
Intermittent Temperature	250°C		
Flame Retardancy UL94	V0		
Fire Performance	LFH		
Halogen Content	Halogen Free		
Excellent Resistance To	Moisture, Ozone, UV		
Good Resistance To	Mineral and Vegetable Oils, Aromatic Fuels, Acids, Alkalis		
Material Specification	RME716, RSE STD 013 London Underground, UL94		
Standard Colours	Yellow (YW)		
Ref	ID	Wall Thickness	Colour
SLPLU5YW	0.5mm	0.5mm	Yellow
SLPLU8YW	0.8mm	0.5mm	Yellow
SLPLU10YW	1.0mm	0.5mm	Yellow
SLPLU12YW	1.2mm	0.5mm	Yellow
SLPLU15YW	1.5mm	0.5mm	Yellow
SLPLU20YW	2.0mm	0.5mm	Yellow
SLPLU25YW	2.5mm	0.5mm	Yellow
SLPLU30YW	3.0mm	0.5mm	Yellow
SLPLU40YW	4.0mm	0.5mm	Yellow
SLPLU50YW	5.0mm	0.5mm	Yellow
SLPLU70YW	7.0mm	0.7mm	Yellow
SLPLU100YW	10.0mm	0.7mm	Yellow
SLPLU120YW	12.0mm	0.7mm	Yellow

All dimensions are in mm (nominal) and are subject to technical modification.
For cut lengths, please add the prefix P to the sleeving references listed above – PSLPLU20x(length) (Colour).

Helvin PVC Tubing PVC XY, P

- Extruded in a specially compounded PVC material.
- Also ideal for binding applications.
- A thin wall section which is ideal when you need to minimise the overall diameter of the loom assemblies.
- Helvin can be stretched to fit 1.5 x bore.
- Defstan Compliant
- UL Compliant
- V0 Rated
- Available as continuous tubing or cut lengths.



Helvin (P)			
Ref.	P		
Name	Helvin		
Material	PVC		
Min. Working Temperature	-65°C		
Max. Working Temperature	105°C		
Intermittent Temperature	135°C		
Good Resistance To	Moisture, Oils, Acids & Fuels		
Light Fastness	Standard 6 (BS2782 method 540B)		
Insulation Resistance	10 ⁴ Megohm		
Material Specification	Approved to Def Stan 59/13 Type D1a and complies with BS3858 Type 3, UL 224 (105°C), UL94V0, IEC684-3 Sheet 101/104		
Standard Colours	IRCC, Pink (PK) or Transparent (TT)		
Ref	ID	Wall (mm)	Colours
P5 (Colour)	0.5	0.3	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P8 (Colour)	0.8	0.3	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P10 (Colour)	1.0	0.3	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P12 (Colour)	1.2	0.3	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P15 (Colour)	1.5	0.3	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P20 (Colour)	2.0	0.3	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P25 (Colour)	2.5	0.3	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P30 (Colour)	3.0	0.3	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P35 (Colour)	3.5	0.3	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P40 (Colour)	4.0	0.3	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P55 (Colour)	5.5	0.3	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P75 (Colour)	7.5	0.5	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P100 (Colour)	10.0	0.5	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P150 (Colour)	15.0	0.5	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P200 (Colour)	20.0	0.5	International Resistor Colour Codes, Pink (PK) and Transparent (TT)
P250 (Colour)	25.0	0.5	International Resistor Colour Codes, Pink (PK) and Transparent (TT)

All dimensions are in mm (nominal) and are subject to technical modification. For cut lengths, please add the prefix P to the sleeving references listed above – PP20x(length) (Colour).