



HANLEY CONTROLS

CLONMEL

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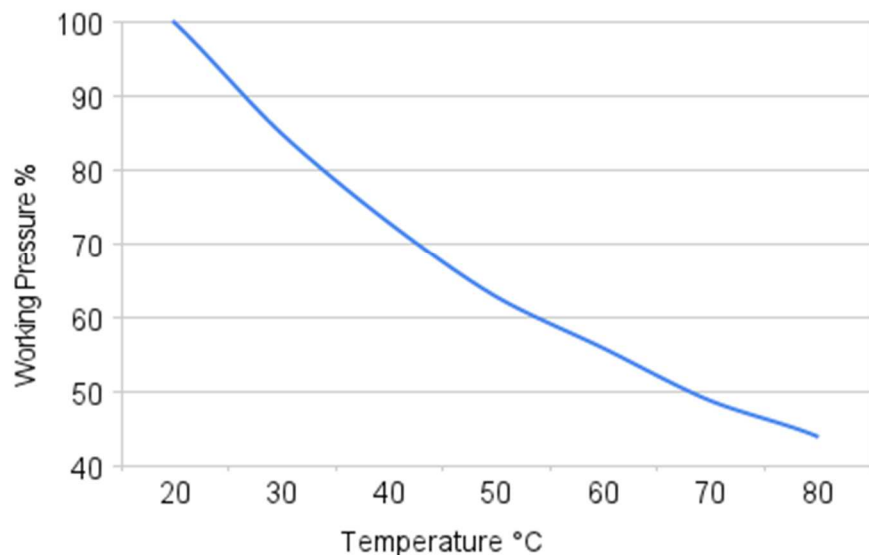
Hanley Controls Clonmel Ltd. - FLEXIBLE NYLON, METRIC

Our Flexible Nylon tube is supplied in a range of up to 11 colours, and natural (opaque). Other colours are available by request. We use a flexible, plasticised, high viscosity extrusion grade of Polyamide 12 (PA12) which is impact modified and heat and UV stabilised. Our Flexible Nylon is therefore low weight, flexible, and of low density. The recommended operating temperatures for Flexible Nylon are between - 40°C and +80°C constant and up to +110°C intermittent. Working pressures and burst pressures for each size are given in the product list in BAR and PSI.

All our (PA12) Flexible Nylon tubing conforms to the following standards:

- BS 5409 (Parts 1 & 2)
- S.M.M.T C2C
- SAE J1394 (Type A)
- SAE J844 (Type A)
- DIN 73378
- DIN 74323
- DIN 74324 (Parts 1 & 2)
- ISO-TC 22SC/2
- ISO 7628

Working Pressure to Temperature Comparison Graph for Nylon Tube





Temperature Range

Minus 40°C to plus 80°C continuous and plus 110°C intermittent.

Working Pressures

This figure is based on the theoretical burst pressure at 20°C, using a safety factor 4:1. Any increase in temperature above 20°C will result in a decrease in pressure capabilities.

FLEXIBLE NYLON METRIC SIZES	WORKING PRESSURE		BURST PRESSURE		BEND RADIUS	CURRENT STOCK GUIDE:				
	PSI	BAR	PSI	BAR		mm	15m	30m	100m	500m
1.5mm x 3mm	913.5	63	3625	250		*	B/N	N	*	*
2mm x 4mm	907	65	3626	259		*	B/N	B/N	*	*
2.5mm x 4mm	543	38	2175	152	8	*	Std. 12	Std. 12	B/N/R/G/BL	*
3mm x 4mm	304.5	21	1203.5	83		*	B/N	B/N	*	*
2mm x 5mm	1363	94	5437.5	375		*	N	N	*	*
3mm x 5mm	604	42	2417	169	10	*	Std. 6	B/N	*	*
3.3mm x 5mm	467	32	3626	259	11	*	Std. 6	B/N	*	*
3mm x 6mm	907	65	1868	131		*	Std. 6	B/N	*	*
4mm x 6mm	453	31	1813	127	13	B/N/Y	Std. 12	Std. 12	B/N/R/BL/G	B/N
4.5mm x 6mm	302	22	1209	86		*	B/N		*	*
5mm x 8mm	544	39	2176	155		*	B/N	B/N	*	*
5.5mm x 8mm	412	28	1648	115	22	B/N/Y	Std. 6	Std. 6	*	*
6mm x 8mm	302	21	1208	84	32	B/N/Y	Std. 6	Std. 6	B/N	*
6mm x 9mm	453	32	1813	130		*	B/N	B/N	*	*
7mm x 10mm	388	27	1554	109	26	*	Std. 6	Std. 6	*	*
7.5mm x 10mm	302	21	1208	84		*	Std. 6	Std. 6	*	*
8mm x 10mm	226	15	906	63	50	B/N/Y	Std. 6	Std. 6	B/N	*
8mm x 11mm	340	24	1360	97		*	B/N	B/N	*	*
8mm x 12mm	449.5	31	1812.5	125		*	B/N	B/N	*	*
8.5mm x 12mm	373	26	1493	104			Std. 6	B/N	*	*



9mm x 12mm	302	21	1208	84	45	B/N/Y	Std. 6	Std. 6	B/N	*
9.5mm x 12mm	238	16	954	67		*	B/N		*	*
10mm x 12mm	181	12	725	50	60	*	Std. 6	Std. 6	N	*
10mm x 13mm	272	19	1088	78		*	B/N		*	*
10mm x 14mm	362.5	25	1450	100		*	B/N		*	*
11mm x 14mm	247	18	989	71		*	Std. 6		*	*
11mm x 15mm	333.5	23	1319.5	91		*	B/N		*	*
12mm x 15mm	227	16	907	65		*	Std. 6	B/N	*	*
12mm x 16mm	302	21	1208	84	85	*	Std. 6	B/N	*	*
13mm x 16mm	209	15	837	60		*	B/N/BL	B/N	*	*
14mm x 18mm	259	18	1036	75		*	B/N	B/N	*	*
16mm x 20mm	227	16	907	65		*	B/N	B/N	*	*
17mm x 22mm	266	18	1066	74	140	*	B/N/BL	B/N	*	*
20mm x 25mm	226	15	906	63	200	*	B/N	B/N	*	*
22mm x 25mm	247	18	989	71		*	B/N	B/N	*	*

COLOUR CHART

STANDARD 12

B	N	R	BL	G	Y	O	P	GRY	BR	PI	W
BLACK	NATURAL	RED	BLUE	GREEN	YELLOW	ORANGE	PURPLE	GREY	BROWN	PINK	WHITE

STANDARD 6