



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# HellermannTyton

## Light Weight Nylon HGLW Series

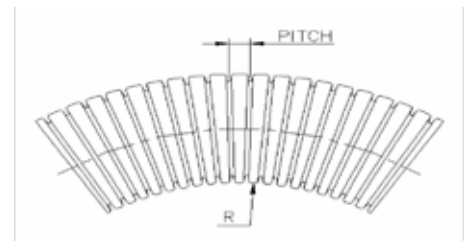
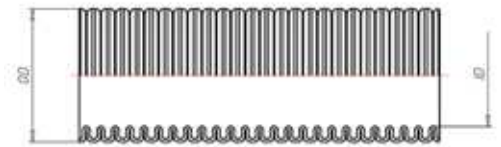
Lightweight nylon corrugated conduit provides high flexibility and good mechanical protection of wire and cable bundles, especially useful in smaller bend radius tight-fit applications. PA6 material offers high resistance to oils and solvents, along with good abrasion protection.



Conduit Size		Euro Size	Pitch	HellermannTyton Part Number	Manufacturer Part Reference	Outside Dimension (OD)		Inside Dimension (ID)		Minimum Bend Radius	Compression Strength	Weight
in.	mm	(NW)	F or C			in	mm	in	mm	mm	kg/100mm	lbs / foot
3/8	16	12	F	HG-LW0380	FPAL16	0.63	15.8	0.48	11.8	35	50	0.024
1/2	21	17	F	HG-LW0500	FPAL21	0.84	21.2	0.67	16.7	40	60	0.038
3/4	28	23	F	HG-LW0750	FPAL28	1.13	28.5	0.91	23	45	55	0.061
1	34	29	C	HG-LW1000	FPAL34	1.36	34.5	1.12	28.1	55	55	0.074
1.25	42	36	C	HG-LW1250	FPAL42	1.68	42.5	1.41	35.5	65	50	0.101
1.5	54	48	C	HG-LW1500	FPAL54	2.15	54.5	1.87	47.2	80	50	0.134

### Technical Properties and Performance

Property	Rating
Material: Light Weight Nylon	Nylon PA6
UL Recognized Component (File: E229161)	Yes
Highly Flexible with excellent fatigue life	Yes
IP (Ingress Protection) rating with HG (FPA) fittings	IP66
IP (Ingress Protection) rating with HGL (FPAX) fittings	IP66+67+68+69K
Temperature Range-Static	-40°C to +120°C
Temperature Range-Dynamic	-20°C to +100°C
Displays self recovery if crushed	Yes
Water and Dust resistant	Yes
Abrasion Resistant	Yes
Self Extinguishing	Yes
Compression Strength: (Tested at 21mm size)	60kg/100mm
Pull-off (Tensile) Strength (Tested at 21mm size)	30kg FPA & FPAX fittings
Country of Origin	United Kingdom



Conduit complete with FPA fitting

### Fire Performance

Self extinguishing to EN61386 (RAPRA Report No. 39485)	Yes
Halogen Sulphur and Phosphorous free	Yes



**Warranty Policy** HellermannTyton products are warranted to be free from defects in material and workmanship at the time sold by us; but our obligation under this warranty and that of the seller is limited to the replacement of the product, and neither we nor the seller are bound by any other warranty, expressed, implied or statutory. Under no circumstances are we or the seller liable for any loss, damage, expenses or consequential damages of any kind arising out of the use or inability to use these products. All are sold with the understanding that the user will test them in actual use and determine their adaptability for the intended uses. Every effort is made to ensure accuracy and completeness when describing the technical properties of these products.