HellermannTyton

Light Weight Nylon HGLW Series

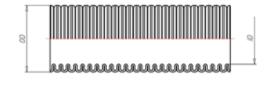
Lightweight nylon corrugated conduit provides high flexibility and good mechanical protection of wire and cable bundles, especially useful in smaller bend radius tight-fit applications. PA6 material offers high resistance to oils and solvents, along with good abrasion protection.

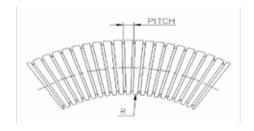


| Conduit Size | | Euro Size | Pitch | HellermannTyton | Manufacturer | Outside Dimension (OD) | | Inside Dimension (ID) | | Minimum Bend Radius | Compression Strength | Weight |
|-----------------|----|--------------|--------|-----------------|----------------|---------------------------|------|--------------------------|------|------------------------|-------------------------|------------|
| in. | mm | (NW) | F or C | Part Number | Part Reference | 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 | С | HG-LW1000 | FPAL34 | 1.36 | 34.5 | 1.12 | 28.1 | 55 | 55 | 0.074 |
| 1.25 | 42 | 36 | С | HG-LW1250 | FPAL42 | 1.68 | 42.5 | 1.41 | 35.5 | 65 | 50 | 0.101 |
| 1.5 | 54 | 48 | С | 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





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.