



## Flexible PVC Smooth Surface Tubing LPC Series

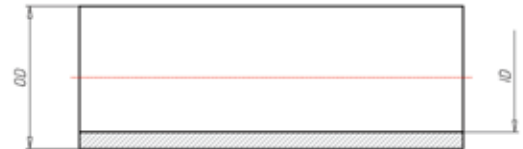
A lightweight, smooth tubing made of a spiral reinforced PVC material that provides high flexibility; well-suited for protecting wire and cable bundles in extremely tight spaces. UV resistant. Use with HelaGuard Metallic or Non Metallic Compression (PSR) Fittings for IP67 rating.



| Nominal Size |    | HellermannTyton<br>Item Number | Manufacture Part<br>Reference | Outside Dimension<br>(OD) |       | Inside Dimension<br>(ID) |       | Minimum<br>Bend<br>Radius | Weight |
|--------------|----|--------------------------------|-------------------------------|---------------------------|-------|--------------------------|-------|---------------------------|--------|
| in.          | mm |                                |                               | in.                       | mm    | in.                      | mm    |                           |        |
| 3/8          | 16 | LPC0380                        | LPC16B                        | 0.70                      | 17.80 | 0.47                     | 12.00 | 50                        | 0.093  |
| 1/2          | 20 | LPC0500                        | LPC20B                        | 0.83                      | 21.10 | 0.63                     | 16.00 | 70                        | 0.117  |
| 3/4          | 25 | LPC0750                        | LPC25B                        | 1.04                      | 26.40 | 0.83                     | 21.00 | 90                        | 0.158  |
| 1            | 32 | LPC1000                        | LPC32B                        | 1.30                      | 33.10 | 1.04                     | 26.50 | 140                       | 0.22   |
| 1.25         | 40 | LPC1250                        | LPC40B                        | 1.65                      | 41.80 | 1.39                     | 35.40 | 190                       | 0.301  |

### Technical Properties and Performance

| Property   | Rating             |
|--|--------------------|
| Material: uPVC material imbedded in flexible PVC cover         | PVC                |
| Highly Flexible with excellent fatigue life                    | Yes                |
| IP (Ingress Protection) rating with PSR (MPC) fittings         | IP67 & IP68        |
| IP (Ingress Protection) rating with metal compression fittings | IP67, IP68 & IP69k |
| Temperature Range-Static                                       | -5°C to +70°C      |
| Displays self recovery if crushed                              | Yes                |
| Water and Dust resistant                                       | Yes                |
| Abrasion Resistant   | Yes                |
| Accepts some torsional movement                                | Yes                |
| UV Resistant (UL Report No. 13CA50836)                         | Yes                |
| Compression Strength: (Tested at 20mm size)                    | 120kg/100mm        |
| Pull-off (Tensile) Strength (Tested at 20mm size)              | 70kg MPC fittings  |
| Country of Origin  | United Kingdom     |



### Fire Performance

|   |     |
|---|-----|
| Self extinguishing to EN61386-1 (BSI Report No. 2381 / 7847798) | Yes |
|---|-----|



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