



## Flexible PVC Tubing PSR Series

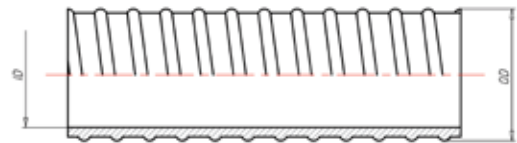
A lightweight, smooth tubing made of a spiral reinforced PVC material that provides high flexibility; well-suited for protecting wire and cable bundles in extremely tight spaces. UV resistant. Use with HelaGuard Non Metallic Compression Fittings to create an enclosed system.



| Nominal Size |    | HellermannTyton Item Number | Manufacture Part Reference | Outside Dimension (OD) |      | Inside Dimension (ID) |      | Minimum Bend Radius (R) | Weight |
|--------------|----|-----------------------------|----------------------------|------------------------|------|-----------------------|------|-------------------------|--------|
| in.          | mm |                             |                            | in.                    | mm   | in.                   | mm   |                         |        |
| 3/8          | 16 | PSR0380                     | FPCURB-16B                 | 0.65                   | 16.5 | 0.48                  | 12.0 | 25                      | 0.051  |
| 1/2          | 20 | PSR0500                     | FPCURB-20B                 | 0.83                   | 21   | 0.63                  | 16.0 | 35                      | 0.075  |
| 3/4          | 25 | PSR0750                     | FPCURB-25B                 | 1.09                   | 27.5 | 0.87                  | 22.0 | 45                      | 0.103  |
| 1            | 32 | PSR1000                     | FPCURB-32B                 | 1.32                   | 33.5 | 1.11                  | 28.0 | 60                      | 0.144  |
| 1.25         | 40 | PSR1250                     | FPCURB-40B                 | 1.62                   | 41   | 1.38                  | 35.0 | 80                      | 0.171  |

### Technical Properties and Performance

| Property   | Rating                 |
|--|------------------------|
| Material: PVC  | PVC                    |
| Highly Flexible with excellent fatigue life            | Yes                    |
| IP (Ingress Protection) rating with PSR (MPC) fittings | IP65                   |
| Temperature Range-Static                               | -20°C to +70°C         |
| Temperature Range-Dynamic                              | -20°C to +100°C        |
| Displays self recovery if crushed                      | Yes                    |
| Water and Dust resistant                               | Yes                    |
| Abrasion Resistant                                     | Yes                    |
| Accepts torsional movement                             | Yes                    |
| UV Resistance (UL Report No. 13CA50836)                | Yes                    |
| UL Listed (File No. E229161)                           | Yes                    |
| Compression Strength: (Tested at 20mm size)            | 60kg/100mm             |
| Pull-off (Tensile) Strength (Tested at 20mm size)      | 25kg with MPC fittings |
| Country of Origin                                      | United Kingdom         |



### Fire Performance

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



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