

## Chain Link Trunking

A range of light weight chain link trunking used to protect moving cables and hoses in a great variety of applications, such as machine tools, robotics, conveyors and warehouse systems. Made from nylon and resistant to sea water, ammonia, petrol and mineral oil, the chain is suitable for harsh, corrosive environments. Supplied in one metre lengths which can be modified by the removal of the connecting pivot pins.


Operating temperature
$-25^{\circ} \mathrm{C}$ to $+125^{\circ} \mathrm{C}$
To determine the length of the chain the following formula should be used.

| $L$ | $=\frac{L S}{2}+\pi R+2 P$ |  |  |
| ---: | :--- | ---: | :--- |
| where $\quad L$ | $=$ Length of chain | $R$ | $=$ Radius of curvature |
| $L S$ | $=$ Travel distance | $P$ | $=$ Pitch (1 link) |

## Open Link



- Protection for cables and hoses
- Ideal for machine tools, conveyor and warehouse systems
- Open link construction, cables are laid in after removing cover
- Link trunking resistant to water, petrol, oil, ammonia
- Brackets available attached to a link of trunking for quick and easy connection Light and secure, even at high speed
The bending radius of the chain must be greater than the bending radius of the cables/hoses. The cables/hoses should be placed separately rather than on top of one another. There should be $10 \%$ free space between cable/hose diameters and the internal dimensions of the chain. Install cables/hoses symmetrically within the chain, placing the larger and heavier ones towards the outside, and the smaller ones in the middle.ELP-DIA. 538000

| External Dimensions |  |  | Internal Dimensions |  |  | Mftrs. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | B | C | D | R | P | List No. | Order Code |
| 54 | 30 | 30 | 24 | 50 | 35 | SR305A/08 | 538-000 |
| 74 | 35 | 50 | 24 | 120 | 35 | SR305/40 | 718-8730 |
| 62 | 35 | 40 | 25 | 75 | 40 | SR400/41 | 718-8754 |
| 94 | 43 | 65 | 31 | 75 | 40 | SR355A/065 | 538-024 |
| 124 | 43 | 95 | 31 | 200 | 40 | SR355A/098 | 538-048 |
| 78 | 55 | 50 | 36 | 150 | 50 | SR600/51 | 718-8778 |
| 128.6 | 55 | 50 | 36 | 150 | 50 | SR600/101 | 718-8791 |
| Ex Trunking |  | Supplied |  |  |  | Each |  |
| Dimensions |  | Length | Order Code | $1+$ | 10+ | $25+$ | 50+ |
| 5430 |  | 1 m | 538-000 |  |  |  |  |
| 9443 |  | 1 m | 538-024 |  |  |  |  |
| 12443 |  | 1 m | 538-048 |  |  |  |  |


| Ex Trunking |  |  | Price Each |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dimensions | Length | Order Code | 1+ | $5+$ | 10+ | 25+ | 50+ |
| 7430 | 1 m | 718-8730 |  |  |  |  |  |
| 6235 | 1 m | 718-8754 |  |  |  |  |  |
| 78.855 | 1 m | 718-8778 |  |  |  |  |  |
| 128.655 | 1 m | 718-8791 |  |  |  |  |  |
| Brackets |  |  |  | Price |  |  |  |
| 2 per pack | Order Code | $1+$ | 10+ |  | $25+$ |  | 50+ |
| 5430 | 538-012 |  |  |  |  |  |  |
| 9443 | 538-036 |  |  |  |  |  |  |
| 12443 | 551-417 |  |  |  |  |  |  |

- Ideal for machine tools, conveyor and warehouse systems
- Closed link construction, cables are fed through centre
- Brackets available attached to a link of trunking for quick and easy connection - Light and secure even at high speed

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