

Yard Rail

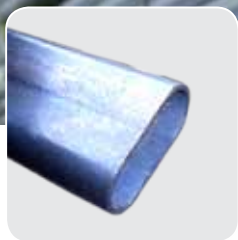
ALLGAL® & SMARTCOTE®
Finishes



we'll see it through



Orrcon Steel now offers more...



Livestock Protection

Breeding livestock is a serious and expensive business and it is important that the best possible protection is provided to keep stock injury free.

Developed by Orrcon Steel in conjunction with Rural Animal Projects, a leader in feedlot development, ALLGAL® Yard Rail provides a safe and economical solution to reducing injury to livestock.

| STANDARD SIZE | | | | | SECTIONAL PROPERTIES | | | | | |
|-------------------------|--------------|----------------|--------------|----------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-----------------------|
| Designation | depth (d) mm | Breadth (b) mm | Gauge (t) mm | Area mm ² | X-Axis | | | Y-Axis | | |
| | | | | | Ixx (mm ⁴) | Zxx (mm ³) | Radius of Gyration mm | Iyy (mm ⁴) | Zyy (mm ³) | Radius of Gyration mm |
| Flat Sided Oval | | | | | | | | | | |
| 59x30x1.6 | 59 | 30 | 1.6 | 235.55 | 8845.62 | 2998.16 | 19.38 | 33170.13 | 2211.34 | 11.87 |
| 59x30x2.0 | 59 | 30 | 2.0 | 291.93 | 108027.48 | 3661.95 | 19.25 | 40103.69 | 2673.58 | 11.72 |
| 97x42x2.0 | 97 | 42 | 2.0 | 471.33 | 472108.19 | 9734.19 | 31.65 | 138464.48 | 6593.55 | 17.14 |
| 97x42x2.5 | 97 | 42 | 2.5 | 585.23 | 579556.93 | 11949.63 | 31.47 | 168157.77 | 8007.51 | 16.95 |
| 115x42x2.0 | 115 | 42 | 2.0 | 543.33 | 748678.65 | 13020.50 | 37.12 | 167288.48 | 7966.12 | 17.55 |
| 115x42x2.3 | 115 | 42 | 2.3 | 622.66 | 852902.99 | 14833.10 | 37.01 | 189164.89 | 9007.85 | 17.43 |
| Flat Sided Round | | | | | | | | | | |
| 65x50x2.0 | 62 | 20 | 2.0 | 349.59 | 154092.01 | 4970.71 | 20.99 | 114673.55 | 4586.94 | 18.11 |
| 62x50x2.5 | 62 | 50 | 2.5 | 433.06 | 187796.25 | 6057.94 | 20.82 | 139382.20 | 5575.29 | 17.94 |
| 62x50x4.0 | 62 | 50 | 4.0 | 674.05 | 278401.83 | 8980.70 | 20.32 | 204963.14 | 8198.53 | 17.44 |
| 80x61x2.0 | 80 | 61 | 2.0 | 446.71 | 330128.17 | 8253.20 | 27.19 | 227653.98 | 7464.04 | 22.57 |
| 80x61x2.5 | 80 | 61 | 2.5 | 554.46 | 404576.51 | 10114.41 | 27.01 | 278234.35 | 9122.44 | 22.40 |
| 80x61x4.0 | 80 | 61 | 4.0 | 868.28 | 609898.67 | 15247.47 | 26.50 | 415997.72 | 13639.27 | 21.86 |

Benefits

- ALLGAL® coating minimises ongoing maintenance costs. Available in SMARTCOTE®
- The smooth rounded edges of Yard Rail minimises risk of bruising and injury to livestock.
- Lightweight, easy to handle and transport.
- Flat sides allow for easy connectability.
- Easy weld with minimal weld spatter.
- Smooth even surface finish and clear tec coating makes it ideal for topcoating.



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