

TECNIPLAST OFFERS A WIDE RANGE OF DIFFERENT CAGE SIZES, COMPLYING WITH

THE MAIN INTERNATIONAL GUIDELINES:

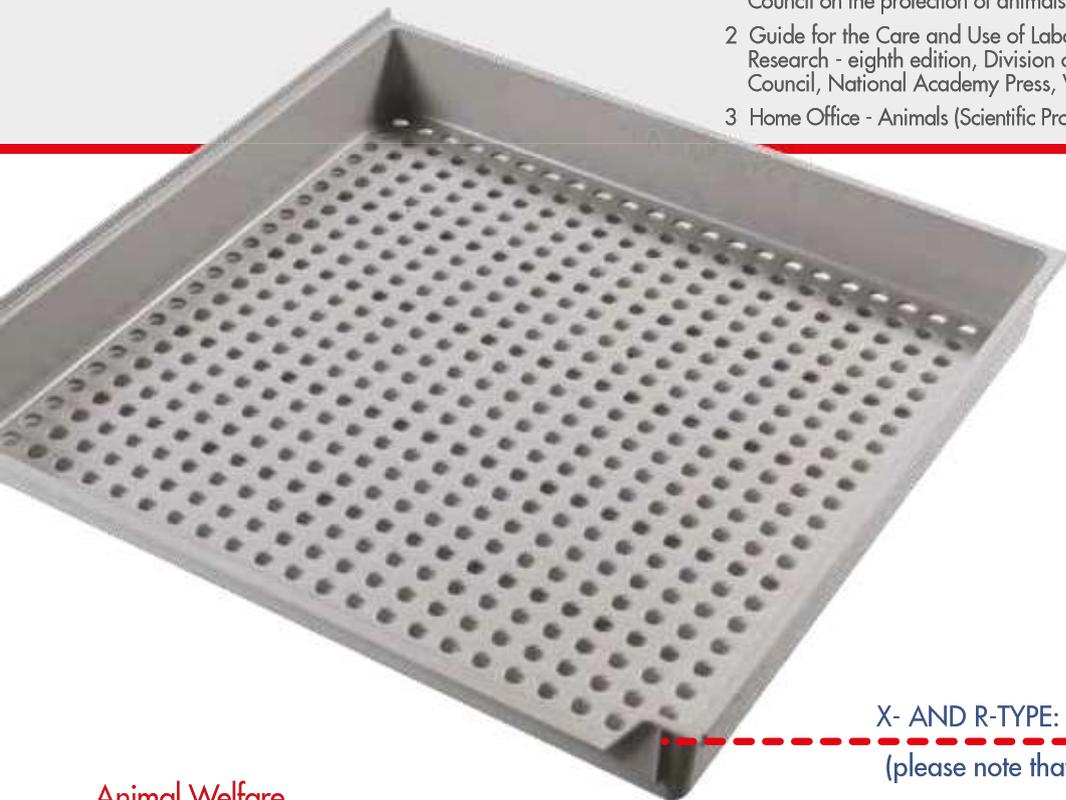
- X-TYPE CAGE - FLOOR AREA 4264 CM<sup>2</sup>
- R-TYPE CAGE - FLOOR AREA 4670 CM<sup>2</sup>
- P-TYPE CAGE - FLOOR AREA 5456 CM<sup>2</sup>

	Final body weight (kg)	Minimum floor area (cm <sup>2</sup> /ft <sup>2</sup> )	Minimum height (cm/in)
EUROPE <sup>1</sup>	< 3	3500	45
	3 - 5	4200	45
	> 5	5400	60
USA <sup>2</sup>	< 2	1400 / 1.5	40.5 / 16
	2 - 4	2800 / 3.0	40.5 / 16
	4 - 5.4	3700 / 4.0	40.5 / 16
	> 5.4	≥ 4600 / ≥ 5.0	40.5 / 16
UK <sup>3</sup>	< 2	2000	40
	2 - 4	4000	45
	4 - 6	5400	45
	> 6	6000	45

1 Requirements for Establishments and for the Care of Accomodation of Animals, Annex III of the Directive 2010/63/EU of the European Parliament and of the Council on the protection of animals used for scientific purposes, 22 September 2010

2 Guide for the Care and Use of Laboratory Animals, Institute of Laboratory Animal Research - eighth edition, Division on Earth and Life Studies, National Research Council, National Academy Press, Washington D.C. 2011

3 Home Office - Animals (Scientific Procedures) Act 1986 Amendment Regulations 2012



X- AND R-TYPE: INJECTION MOULDED NORYL CAGE  
(please note that P-type features thermoformed cages)

## Animal Welfare

- The injection moulded perforated Noryl floor assures:
  - No sharp edges to enhance animal comfort
  - Fast draining and drying design to maintain a clean environment
  - A warm and comfortable environment for rabbits
- The raised shelf and nesting box, together with the internal height, creates an ideal three-dimensional enriched environment
- The rack interlinking system (standard for all racks) increases floor space and allows communication between cages for social housing
- The stainless-steel rack with noise-free Polycarbonate side panels helps to avoid animal stress

## Visibility

Transparent removable side panels allow optimal visibility of the entire cage volume: quick and easy daily check.



X-TYPE



R-TYPE



P-TYPE



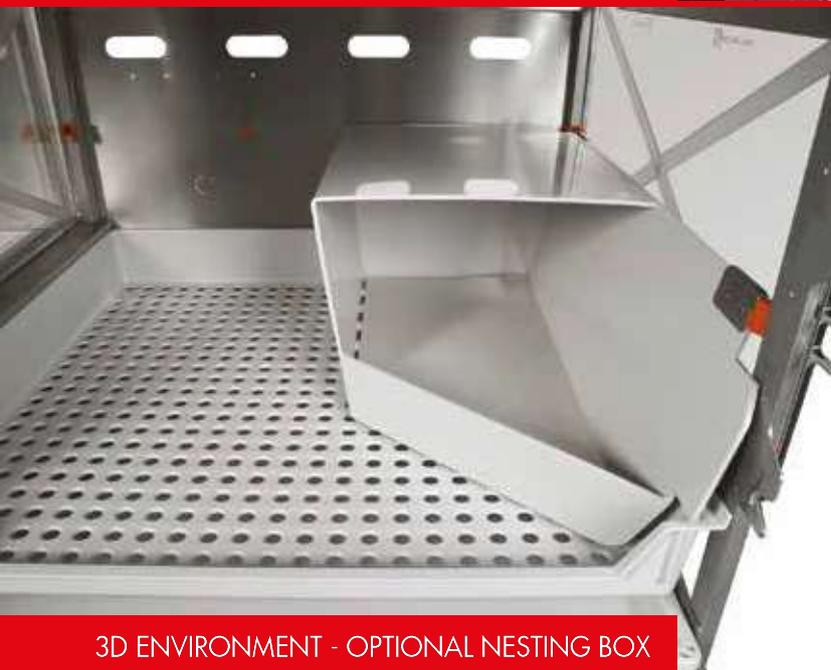
PUSH-AND-CLOSE GATE  
WITH SAFETY LOCK SYSTEM



TRANSPARENT SIDE PANELS - INTERLINKED RACKS



3D ENVIRONMENT - RAISED SHELF



3D ENVIRONMENT - OPTIONAL NESTING BOX



CAGE INTERLINKING - SOCIAL HOUSING

### Ergonomics and Quality

- Injection moulded Noryl cage means:
  - Smooth edges that eliminate dirty traps, ensuring perfect cleaning
  - Stacking lugs for proper stacking, rather than "sticking"
  - Thickness uniformity for a lighter and more resistant cage
  - Stress and tension free plastic offering greater thermal and mechanical resistance for a long lasting product that withstands repetitive washing and autoclaving cycles.
- A push-and-close system allows the gate to be closed easily even while holding animals; the gate features also a safety lock system to avoid animals escaping from the cage
- A fast-dry roof design results in quicker and easier washing procedures
- Rounded corners and lighter rack ensure easy and safe transportation
- The most compact housing solution in the market for a high density

### Low running costs

The absence of dirty traps, the quick drying properties and the consequent quicker washing procedures, together with the optimal ergonomics and the longer lifetime due to the enhanced mechanical resistance result in dramatically lower running costs.



### FAST-DRY ROOF DESIGN

CAGE

	X	R	P
Floor area (cm <sup>2</sup> / ft <sup>2</sup> )	4264 / 4.59	4670 / 5.03	5456 / 5.87
Overall dimensions W x D x H (mm / in)	713 x 716 x 115 28.06 x 28.19 x 4.53	743 x 716 x 114 29.27 x 28.19 x 4.49	870 x 740 x 131 34.25 x 29.13 x 5.16
Internal height (mm / in)	476 / 18.74	471 / 18.55	604 / 23.76
Plastic type	Noryl - 2-year warranty		
Cage body	Autoclavable, high stackability		
Waste tray	Autoclavable, high stackability, simmetric (no back, no front)		Autoclavable, high stackability
Feeder capacity	2.2 l / 74.39 oz (US) / 77.43 oz (UK)		
Bottle capacity <sup>o</sup>	750 ml / 25.36 oz (US) / 26.40 oz (UK)		

<sup>o</sup> can accomodate multiple water bottles

RACK

Cage type	Rack configuration	Overall rack dimensions L x W x H (mm/in)
X	3 cages (1W x 3H)	784 (817 <sup>oo</sup> ) x 820 (869 <sup>oo</sup> ) x 1830 30.87 (32.17 <sup>oo</sup> ) x 32.28 (34.20 <sup>oo</sup> ) x 72.05
R	3 cages (1W x 3H)	810 (843 <sup>oo</sup> ) x 820 (870 <sup>oo</sup> ) x 1830 31.89 (33.19 <sup>oo</sup> ) x 32.28 (34.26 <sup>oo</sup> ) x 72.05
P	2 cages (1W x 2H)	937 (970 <sup>oo</sup> ) x 845 (895 <sup>oo</sup> ) x 1718 36.89 (38.19 <sup>oo</sup> ) x 33.27 (35.25 <sup>oo</sup> ) x 67.64

<sup>o</sup> with interlinking device

<sup>oo</sup> with feeder and water bottle

Note: 3 levels "P" type racks are available upon request

### OPTIONS

- Auto watering system
- S/S feeder with anti-dust cover
- S/S hay feeder
- Enlongated waste tray for "X" type cage

### ACCESSORIES

- Noryl nesting box
- Additional water bottle

