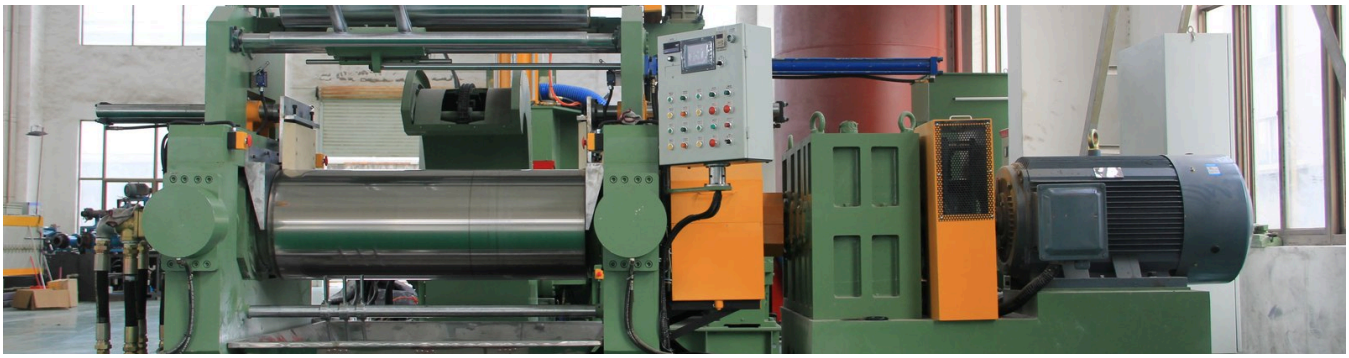
DacellFlex™

Focus On Insulation Industry

www.dacellflex.com

达　翔　公　司

Company Profile 公司简介



DACELLFLEX is the export brand of DACELL (SHANGHAI) INDUSTRIAL CO., LTD. Our closed-cell foam is produced for us in Wuxi, Jiangsu — 14,765 m² of plant and warehousing, foaming since 2009, about 200 km from the container ports of Shanghai and Ningbo.

Production, formulation and quality control sit with Jiangsu Daxiang Rubber & Plastic Co., Ltd. (江苏达翔橡塑有限公司) in Yixing, Wuxi — an independent company, not a subsidiary, that moulds and foams to our specification. The name is not a coincidence: 达翔 sits in both, and that plant has been our production partner since the beginning; we take its output for export under our own specification and our own brand. A DACELL office sits inside that plant, so factory visits, sample runs and third-party inspection are arranged directly with us, not through a broker. Specification, export documentation, packing and customer service sit with DACELL in Shanghai.

What that means for a buyer

- One specification held across NBR and EPDM runs on the same line
- Stock held in Shanghai for mixed containers
- Cartons printed under your own brand, no minimum artwork charge
- Sizes outside the standard range produced to order

Company facts

Legal entity	**DACELL (SHANGHAI) INDUSTRIAL CO., LTD.**
Chinese entity	达翔赛尔（上海）实业有限公司
OEM manufacturer	Jiangsu Daxiang Rubber & Plastic Co., Ltd.
Site area	14,765 m²
Established	2009
Loading ports	Shanghai / Ningbo, about 200 km
HS code	4009.11.00
Incoterms	FOB Shanghai · EXW · CIF
Payment	T/T 30% deposit, balance vs. B/L copy





Product Range 产品系列

Six core products — tube, sheet and tape, each in black and in colour — plus four extended lines, all in consistent NBR and EPDM formulations, so a project does not need four suppliers and four lead times. Standard density 65 kg/m³; 55–90 kg/m³, wall thickness and colour produced to your specification.



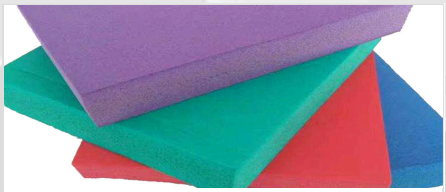
Insulation tube



Coloured insulation tube



Insulation sheet



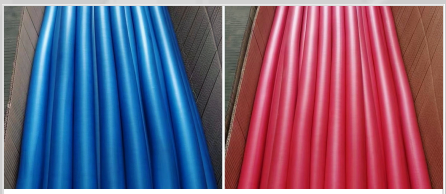
Coloured insulation sheet



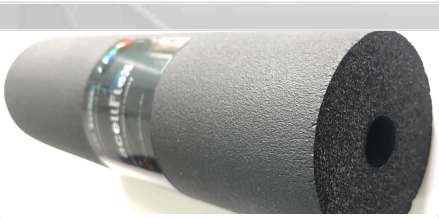
Insulation tape



Coloured insulation tape



Smooth (vacuum-formed) tube



Compound tube (fluorocarbon covered)



Flashing tape and waterproofing membrane



Closed-cell sponge rubber

NBR, not PE

Everything in this catalogue is closed-cell NBR (nitrile rubber) or EPDM foam made to our formulation. Much of the low-priced foam insulation on the market is EPE or PE — it photographs the same and costs far less, because it is a different material. Ask for the material, not just the picture.

The loading table travels with the quotation

Pieces per carton, carton weight and container load for each diameter and wall thickness are supplied with your quotation — they change with wall thickness and grade, so they are not printed here.

Insulation tube



INSULATION TUBE

Description

Closed-cell NBR tube produced by continuous gel foaming, for copper and steel pipework in cooling and heating systems. Supplied in Class B and Class 0.

Sizes and options

- ID 6–89 mm, wall 6–50 mm
- λ 0.030 W/(m·K) at 0 °C
- Self-extinguishing, OI ≥ 32 %
- Class B and Class 0

Technical data

PROPERTY	CLASS B	CLASS 0 SAME VALUES
Cell structure	Closed cell	—
Material	NBR / EPDM	—
Density	65 kg/m³ standard · 55–90 kg/m³ to order	—
Thermal conductivity λ at −20 / 0 / +40 °C	0.030 / 0.032 / 0.037 W/(m·K)	0.030 / 0.032 / 0.037 W/(m·K)
Water vapour permeability	1.96×10^{-11} g/(m·s·Pa)	—
Moisture resistance factor μ	≥ 10,000	—
Oxygen index	≥ 32 %	—
Flammability / smoke density	Self-extinguishing / smoke density 25–50	—
Water absorption	≤ 5 %	—
Service temperature	−57 °C to +125 °C	—
Flexibility / ozone resistance	Excellent / no crack	—
Standard length	1.83 m	
Carton	1850 × 320 × 360 mm	

Values are nominal production figures, tested per batch. Density, wall thickness and colour are produced to the customer's specification.

— means the value is identical for Class B and Class 0.

Loading table — pieces per carton, carton weight and container load for these sizes travel with your quotation. Custom wall thickness, colour and OEM carton marking on request.

Coloured insulation tube



COLOURED INSULATION TUBE

Description

Pigment-dyed closed-cell tube for colour-coded systems: red marks heating lines, blue marks cooling, orange marks fire services, black is the standard colour. Colour coding is normally specified by the project — standard export orders ship in black.

Sizes and options

- Red for heating, blue for cooling
- Orange for fire services
- Black as standard
- Colour-fast, closed-cell

Technical data

PROPERTY	CLASS B	CLASS 0 SAME VALUES
Cell structure	Closed cell	—
Material	NBR / EPDM, pigmented	—
Density	65 kg/m³ standard · 55–90 kg/m³ to order	—
Thermal conductivity λ at −20 / 0 / +40 °C	0.030 / 0.032 / 0.037 W/(m·K)	0.030 / 0.032 / 0.037 W/(m·K)
Water vapour permeability	1.96×10^{-11} g/(m·s·Pa)	—
Moisture resistance factor μ	≥ 10,000	—
Oxygen index	≥ 32 %	—
Flammability / smoke density	Self-extinguishing / smoke density 25–50	—
Water absorption	≤ 5 %	—
Service temperature	−57 °C to +125 °C	—
Flexibility / ozone resistance	Excellent / no crack	—
Colours	Black / blue / red / orange	
Form	Tube and sheet	

Values are nominal production figures, tested per batch. Density, wall thickness and colour are produced to the customer's specification.

— means the value is identical for Class B and Class 0.

Loading table — pieces per carton, carton weight and container load for these sizes travel with your quotation. Custom wall thickness, colour and OEM carton marking on request.

Insulation sheet



INSULATION SHEET

Description

The same closed-cell formulation in sheet form — plain, self-adhesive, or faced with reinforced aluminium foil for ducts, vessels and large-bore equipment.

Sizes and options

- Thickness 3/8″–1″ standard, up to 50 mm to order
- Rolls 1.0 or 1.2 m wide × 10 m, 15 m or custom
- Adhesive backing optional
- Duct and vessel cladding

Technical data

PROPERTY	CLASS B	CLASS 0 SAME VALUES
Cell structure	Closed cell	—
Material	NBR / EPDM	—
Density	65 kg/m³ standard · 55–90 kg/m³ to order	—
Thermal conductivity λ at −20 / 0 / +40 °C	0.030 / 0.032 / 0.037 W/(m·K)	0.030 / 0.032 / 0.037 W/(m·K)
Water vapour permeability	1.96×10^{-11} g/(m·s·Pa)	—
Moisture resistance factor μ	≥ 10,000	—
Oxygen index	≥ 32 %	—
Flammability / smoke density	Self-extinguishing / smoke density 25–50	—
Water absorption	≤ 5 %	—
Service temperature	−57 °C to +125 °C	—
Flexibility / ozone resistance	Excellent / no crack	—
Standard thickness	3/8″ · 1/2″ · 3/4″ · 1″ (10 / 13 / 19 / 25 mm)	
Other thickness	up to 50 mm to order	
Roll	1.0 or 1.2 m wide × 10 m long	
Other lengths	15 m or any length to order	

Values are nominal production figures, tested per batch. Density, wall thickness and colour are produced to the customer's specification.

— means the value is identical for Class B and Class 0.

Loading table — pieces per carton, carton weight and container load for these sizes travel with your quotation. Custom wall thickness, colour and OEM carton marking on request.

Coloured insulation sheet



COLOURED INSULATION SHEET

Description

Pigment-dyed closed-cell sheet from the same formulation, for colour-coded systems where the service of each line has to be identified at a glance. Supplied plain, self-adhesive or faced with aluminium foil.

Sizes and options

- Thickness 3/8″–1″ standard, up to 50 mm to order
- Rolls 1.0 or 1.2 m wide × 10 m, 15 m or custom
- Black, red, blue or green
- Colour-fast, closed-cell

Technical data

PROPERTY	CLASS B	CLASS 0 SAME VALUES
Cell structure	Closed cell	—
Material	NBR / EPDM, pigmented	—
Density	65 kg/m³ standard · 55–90 kg/m³ to order	—
Thermal conductivity λ at −20 / 0 / +40 °C	0.030 / 0.032 / 0.037 W/(m·K)	0.030 / 0.032 / 0.037 W/(m·K)
Water vapour permeability	1.96×10^{-11} g/(m·s·Pa)	—
Moisture resistance factor μ	≥ 10,000	—
Oxygen index	≥ 32 %	—
Flammability / smoke density	Self-extinguishing / smoke density 25–50	—
Water absorption	≤ 5 %	—
Service temperature	−57 °C to +125 °C	—
Flexibility / ozone resistance	Excellent / no crack	—
Standard thickness	3/8″ · 1/2″ · 3/4″ · 1″ (10 / 13 / 19 / 25 mm)	
Other thickness	up to 50 mm to order	
Roll	1.0 or 1.2 m wide × 10 m long	
Other lengths	15 m or any length to order	
Colours	Black / red / blue / green	

Values are nominal production figures, tested per batch. Density, wall thickness and colour are produced to the customer's specification.

— means the value is identical for Class B and Class 0.

Loading table — pieces per carton, carton weight and container load for these sizes travel with your quotation. Custom wall thickness, colour and OEM carton marking on request.

Insulation tape



INSULATION TAPE

Description

NBR foam tape with adhesive and reinforcing mesh, for closing joints, wrapping bends and insulating irregular fittings where a tube cannot follow the geometry. Black is the standard colour; red, blue and other colours are produced to order. Two adhesive versions are produced: a mesh-reinforced adhesive that raises tensile and tear strength at a higher cost per metre, and a standard adhesive for the lower-cost option where strength is not critical.

Sizes and options

- Standard 50 mm × 3 mm × 10 m
- Mesh-reinforced adhesive or standard adhesive
- Width, thickness and length to order
- For joints, fittings and bends

Technical data

PROPERTY	CLASS B	CLASS 0 SAME VALUES
Cell structure	Closed cell	—
Material	NBR + glue + mesh	—
Density	65 kg/m³ standard · 55–90 kg/m³ to order	—
Thermal conductivity λ at −20 / 0 / +40 °C	0.030 / 0.032 / 0.037 W/(m·K)	0.030 / 0.032 / 0.037 W/(m·K)
Water vapour permeability	1.96×10^{-11} g/(m·s·Pa)	—
Moisture resistance factor μ	≥ 10,000	—
Oxygen index	≥ 32 %	—
Flammability / smoke density	Self-extinguishing / smoke density 25–50	—
Water absorption	≤ 5 %	—
Service temperature	−57 °C to +125 °C	—
Flexibility / ozone resistance	Excellent / no crack	—
Standard roll	50 mm × 3 mm × 10 m	
Adhesive types	Mesh-reinforced / standard	
Custom	Width, thickness and length to order	

Values are nominal production figures, tested per batch. Density, wall thickness and colour are produced to the customer's specification.

— means the value is identical for Class B and Class 0.

Loading table — pieces per carton, carton weight and container load for these sizes travel with your quotation. Custom wall thickness, colour and OEM carton marking on request.

Coloured insulation tape



COLOURED INSULATION TAPE

Description

The same NBR foam tape in pigment-dyed colours, for pipework that is colour-coded end to end — at the joints, fittings and bends as well as on the straight run. Width, thickness, roll length and adhesive options are identical to the black tape.

Sizes and options

- Standard 50 mm × 3 mm × 10 m
- Mesh-reinforced adhesive or standard adhesive
- Red, blue, green or black
- Joints, fittings and bends

Technical data

PROPERTY	CLASS B	CLASS 0 SAME VALUES
Cell structure	Closed cell	—
Material	NBR + glue + mesh, pigmented	—
Density	65 kg/m³ standard · 55–90 kg/m³ to order	—
Thermal conductivity λ at −20 / 0 / +40 °C	0.030 / 0.032 / 0.037 W/(m·K)	0.030 / 0.032 / 0.037 W/(m·K)
Water vapour permeability	1.96×10^{-11} g/(m·s·Pa)	—
Moisture resistance factor μ	≥ 10,000	—
Oxygen index	≥ 32 %	—
Flammability / smoke density	Self-extinguishing / smoke density 25–50	—
Water absorption	≤ 5 %	—
Service temperature	−57 °C to +125 °C	—
Flexibility / ozone resistance	Excellent / no crack	—
Standard roll	50 mm × 3 mm × 10 m	
Adhesive types	Mesh-reinforced / standard	
Colours	Red / blue / green / black	
Custom	Width, thickness and length to order	

Values are nominal production figures, tested per batch. Density, wall thickness and colour are produced to the customer's specification.

— means the value is identical for Class B and Class 0.

Loading table — pieces per carton, carton weight and container load for these sizes travel with your quotation. Custom wall thickness, colour and OEM carton marking on request.

Smooth (vacuum-formed) tube



SMOOTH (VACUUM-FORMED) TUBE

Description

Fibre-free closed-cell tube with a vacuum-formed skin: smoother surface, less dust pickup and easier cleaning — for clean rooms, laboratories and exposed pipework.

Sizes and options

- No fibre content
- Vacuum-formed surface
- Cleanroom and lab friendly

Technical data

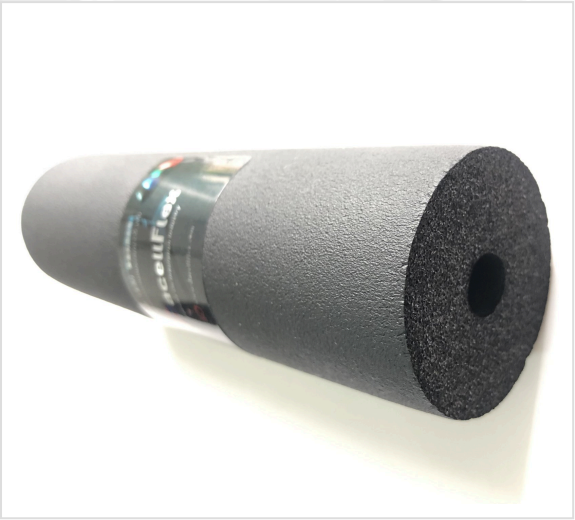
PROPERTY	CLASS B	CLASS 0 SAME VALUES
Cell structure	Closed cell	—
Material	NBR, fibre-free	—
Density	65 kg/m³ standard · 55–90 kg/m³ to order	—
Thermal conductivity λ at −20 / 0 / +40 °C	0.030 / 0.032 / 0.037 W/(m·K)	0.030 / 0.032 / 0.037 W/(m·K)
Water vapour permeability	1.96×10^{-11} g/(m·s·Pa)	—
Moisture resistance factor μ	≥ 10,000	—
Oxygen index	≥ 32 %	—
Flammability / smoke density	Self-extinguishing / smoke density 25–50	—
Water absorption	≤ 5 %	—
Service temperature	−57 °C to +125 °C	—
Flexibility / ozone resistance	Excellent / no crack	—
Surface	Vacuum-formed skin	
Inner diameter	6–89 mm	

Values are nominal production figures, tested per batch. Density, wall thickness and colour are produced to the customer's specification.

— means the value is identical for Class B and Class 0.

Loading table — pieces per carton, carton weight and container load for these sizes travel with your quotation. Custom wall thickness, colour and OEM carton marking on request.

Compound tube (fluorocarbon covered)



COMPOUND TUBE (FLUOROCARBON COVERED)

Description

NBR closed-cell core with a fluorocarbon fibre covering: anti-UV, anti-oxidation, waterproof, chemical-proof and abrasion resistant for outdoor and industrial lines.

Sizes and options

- Covering rated −10 °C to +180 °C
- Peel strength ≥ 350 N/m
- Burst ≥ 2.0 MPa
- For UV-exposed and corrosive sites

Technical data

PROPERTY	CLASS B	CLASS 0 SAME VALUES
Cell structure	Closed cell	—
Material	NBR core + fluorocarbon fibre	—
Density	65 kg/m³ standard · 55–90 kg/m³ to order	—
Thermal conductivity λ at −20 / 0 / +40 °C	0.030 / 0.032 / 0.037 W/(m·K)	0.030 / 0.032 / 0.037 W/(m·K)
Water vapour permeability	1.96×10^{-11} g/(m·s·Pa)	—
Moisture resistance factor μ	≥ 10,000	—
Oxygen index	≥ 32 %	—
Flammability / smoke density	Self-extinguishing / smoke density 25–50	—
Water absorption	≤ 5 %	—
Service temperature	−57 °C to +125 °C	—
Flexibility / ozone resistance	Excellent / no crack	—
Covering temperature	−10 °C to +180 °C	
Peel strength	≥ 350 N/m	
Burst strength	≥ 2.0 MPa	
Tensile strength	Long. ≥1180 / Transv. ≥820 N/5cm	

Values are nominal production figures, tested per batch. Density, wall thickness and colour are produced to the customer's specification.

— means the value is identical for Class B and Class 0.

Loading table — pieces per carton, carton weight and container load for these sizes travel with your quotation. Custom wall thickness, colour and OEM carton marking on request.

Flashing tape and waterproofing membrane



FLASHING TAPE AND WATERPROOFING MEMBRANE

Description

Metal-film-protected bitumen and butyl flashing tapes for roof, wall and pipe-penetration details, plus self-sealing waterproofing membranes for building envelopes.

Sizes and options

- Strong initial tack
- Stays flexible long-term
- Watertight after minor puncture
- Roof, wall and penetration details

Technical data

PROPERTY	CLASS B	CLASS 0 SAME VALUES
Cell structure	Closed cell	—
Material	Bitumen / butyl + metal film	—
Density	65 kg/m³ standard · 55–90 kg/m³ to order	—
Thermal conductivity λ at −20 / 0 / +40 °C	0.030 / 0.032 / 0.037 W/(m·K)	0.030 / 0.032 / 0.037 W/(m·K)
Water vapour permeability	1.96×10^{-11} g/(m·s·Pa)	—
Moisture resistance factor μ	≥ 10,000	—
Oxygen index	≥ 32 %	—
Flammability / smoke density	Self-extinguishing / smoke density 25–50	—
Water absorption	≤ 5 %	—
Service temperature	−57 °C to +125 °C	—
Flexibility / ozone resistance	Excellent / no crack	—
Form	Tape and self-sealing membrane	
Use	Roof, wall, pipe penetration	

Values are nominal production figures, tested per batch. Density, wall thickness and colour are produced to the customer's specification.

— means the value is identical for Class B and Class 0.

Loading table — pieces per carton, carton weight and container load for these sizes travel with your quotation. Custom wall thickness, colour and OEM carton marking on request.

Closed-cell sponge rubber



CLOSED-CELL SPONGE RUBBER

Description

NR, CR, EPDM and SR closed-cell foam for water- and air-tight sealing, with high resilience for dynamic sealing and industrial rollers.

Sizes and options

- Density 200–500 kg/m³
- Hardness 10–60 Shore C
- EPDM grades to 120–150 °C
- Truck, lamp and machine seals

Technical data

PROPERTY	TECH.
Structure	Closed cell
Density	200–500 kg/m³
Hardness	10–60 Shore C
Temperature (EPDM)	120–150 °C
Materials	NR / CR / EPDM / SR

Values are nominal production figures, tested per batch. Density, wall thickness and colour are produced to the customer's specification.

— means the value is identical for Class B and Class 0.

Loading table — pieces per carton, carton weight and container load for these sizes travel with your quotation. Custom wall thickness, colour and OEM carton marking on request.

Physical Properties 技术参数

Closed-cell NBR / EPDM foam. Grades are designated Class 0 and Class B throughout this catalogue.

PROPERTY	CLASS B	CLASS 0 SAME VALUES
Cell structure	Closed cell	—
Material	NBR / EPDM	—
Density	65 kg/m³ standard · 55–90 kg/m³ to order	—
Thermal conductivity λ at −20 / 0 / +40 °C	0.030 / 0.032 / 0.037 W/(m·K)	0.030 / 0.032 / 0.037 W/(m·K)
Water vapour permeability	1.96×10^{-11} g/(m·s·Pa)	—
Moisture resistance factor μ	≥ 10,000	—
Oxygen index	≥ 32 %	—
Flammability / smoke density	Self-extinguishing / smoke density 25–50	—
Water absorption	≤ 5 %	—
Service temperature	−57 °C to +125 °C	—
Flexibility / ozone resistance	Excellent / no crack	—
Standard length	1.83 m	
Carton	1850 × 320 × 360 mm	

Values are nominal production figures, tested per batch. Density, wall thickness and colour are produced to the customer's specification.

— means the value is identical for Class B and Class 0.

How the grades are designated

Class 0 and Class B describe the declared fire and smoke performance of the material. Physical properties are supplied to GB/T 17794-2008. Where a project specifies a fire classification, tell us the standard and the product form: sheet and board carry different documentation from tube, and we will state plainly which scope applies before you quote it.

Stock and custom

PARAMETER	STANDARD
Density	65 kg/m³ · 55–90 kg/m³ to order
Inner diameter	6–89 mm
Wall thickness	6–50 mm
Tube length	1.83 m
Colours	Black / blue / red / orange
Carton	1850 × 320 × 360 mm

Packing and Shipment 包装与出货





Packing

Carton	1850 × 320 × 360 mm
Carton marking	DACELLFLEX · Class B / Class 0 · size
Pallet	Export pallet, strapped and wrapped
Container	20′ / 40′ HC, mixed SKUs on request

Shipment

Loading port	Shanghai or Ningbo
Incoterms	FOB Shanghai · EXW · CIF
HS code	4009.11.00
Payment	T/T 30% deposit, balance vs. B/L copy

Documents

Commercial invoice, packing list, bill of lading; certificate of origin on request. Inspection by a third party of your choice is welcome — we arrange it at the plant with you, not through an agent.

Contact 联系我们

Send the sizes, wall thickness, grade and quantity — we reply within one working day with price, lead time and the loading table for those sizes.

Sales

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Yixing, Wuxi, Jiangsu, China
Visits, sample runs and third-party inspection arranged directly.



Sample room at the plant: every product family we make sits on the shelf, so a buyer can handle the goods and compare before the first order.



DacellFlex™

Focus On Insulation Industry

THANKS

www.dacellflex.com

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