



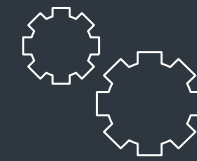
COLD CHAIN INDIA



your readiness
our mission

FORCE COLD-CARE

Offers fast, reliable and tailor-made supply chain solutions
designed for the Life Science Industry.



CORE SERVICES

FREIGHT MANAGEMENT
PROJECT MANAGEMENT
EXIM CONSULTANCY
FAIR & EXHIBITION
WAREHOUSING & DISTRIBUTION
EXPRESS & COURIER



SPECIALIZED SOLUTIONS

PHARMACEUTICAL
COLD CHAIN MANAGEMENT
DANGEROUS GOODS
FAIR & EXHIBITION
SPECIALIZED CONSULTANCY



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WE ARE MUCH MORE THAN A FREIGHT FORWARDER

WE ARE A FULL SERVICE 3PL & 4PL ANND COLDCHAIN PROVIDER

The pharmaceutical industry develops, produces, and markets drugs or pharmaceuticals for use as medications. Pharmaceutical companies may deal in generic or brand medications and medical devices. They are subject to a variety of laws and regulations that govern the patenting, testing, safety, efficacy and marketing of drugs. Being able to offer this, strengthens a global market position. Thus, at **FORCE-COOLCARE** we support our customers by efficient and tailor-made logistics solutions along the entire supply chain.

SERVICES

- COLDCHAIN MANAGEMENT
- PACKAGING SOLUTIONS
 - ✓ ACTIVE PACKAGING
 - ✓ PASSIVE PACKAGING
- PACKAGING ASSESSORIES
- DATA LOGGERS
- DRY-ICE
- THERMAL BLANKETS
- COLD-CHAIN WAREHOUSING

flexible solutions for your business needs

OUR EXPERIENCE IS OUR GUIDELINE

At FORCE we encompasses longstanding experience and knowledge gathered by working for various pharmaceutical companies for several years. We have been constantly listening to our customers in all major layers in the market sector, and learned their specific requirements and demands concerning transport solutions. Following the same we established the FORCE COOLCHAIN. FORCE COOLCHAIN is a dedicated, fully monitored and temperature controlled LTL / FTL network offering the best possible solutions for sensitive products of Pharma Industry Vertical.

We are a specialized service provider for all kind of Pharmaceutical Raw Material, Intermediates, Nutraceuticals, Finished Dosage Form and all kind of Herbal Products. With highly skilled and experience team we achieved specialization in providing a unique and tailor-made solutions to pharmaceuticals industry vertical for their all kind of needs especially towards the products required Ambient Temperature.



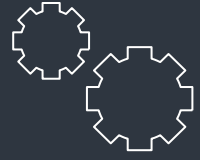
We follows the specific procedures, labelling as per the norms of carrier. Our team always ensure the innovative packaging methods such as Thermo Packaging, Envirotainer etc. to maintain the required temperature such as 2° – 8° C || - 2° – 8° C || 15° – 25° etc..

DEDICATED CONSULTING PROVIDES A TOTAL END TO END SOLUTION.

OUR TEMPERATURE CONTROL NETWORK

The primary transportation (long haul) generally facilitates inter-city transport of products. Our service includes door to door service, we carry all products in frozen (-2°C -18°C) and chilled (2 to 4°C) and Cool (15°C - 25°C) and ambient categories.

Each Reefer Vehicle is equipped with a data logger to ensure continuous monitoring of temperature and are global positioning system (GPS) enabled for real time tracking. The data logger and the GPS enable us to provide our customers with real-time information about the cargo even when in transit.



CUSTOM SOLUTIONS

Our long haul FTL Service is fully equipped with the + 25 reefer trucks which are capable of handling all temperature ranges such as

- Frozen (-18°C)
- Chilled (+2°C to 4°C)
- Cool (+ 15°C to 20°C)
- Ambient



KEY FEATURES

- Multi-temperature products (Frozen/Chilled)
- Flexibility of load – move from 50 kg to 15,000kg
- GPS enabled – Truck
- The chiller rooms are capable of maintaining temperatur between 0°C & 15°C with RH ranging from 65 to 90
- Temperature in freezer rooms can go down to -25°C
- Intelligent storage systems capable of handling frozen and chilled products including humidity control for F&V



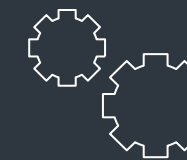


MEDICAL EXPRESS SOLUTIONS

CONNECTING YOUR BUSINESS TO THE TECHNOLOGY RESOURCES YOU NEED

FORCE-MEDICAL EXPRESS service derives with the full of capabilities to handle the all kind of specialized supply chain requirements of Contract Research Organizations, Biotechnology and Pharmaceutical organizations.

FORCE-MEDICAL EXPRESS has been developed FLPL to support the precise transportation needs of your temperature sensitive medicines, patient specimens, clinical supplies and support materials from and to clinics and research organizations.



We understands the criticality of the maintenance of a declared temperature range is for your shipments Therefore have established various range of packaging solutions you can choose from. Different type & sizes within each temperature range allow you to choose the most effective solution whilst ensuring temperature accuracy and stability.

OUR SUPPORT TO YOUR BUSINESS

- In-house customs clearance of import / export processes.
- Compliance to local, regional or IATA regulations for restricted contents.
- Local contacts in each of the location (India) where the trial is being performed.
- A dedicated central contact for the duration of the program.
- Reliability of our Nationwide Network of delivery vehicles.

we care your valuables

AMBIENT

Our Ambient boxes are delivered as complete solutions that include Absorbent Sleeves, Pressure Bags, and Cooling Gel etc. within the box.

AMBIENT INSULATED

A additional insulated liner gives your ambient temperature shipments more protection against changes in outside temperature.

AMBIENT THERMO UNIQUE

This unique packaging system provides thermal protection from extreme temperature fluctuations that might occur during transport or because of geography conditions. Using FORCE - THERMO UNIQUE packaging will keep the temperature of any ambient shipments above 0°C for 48 hours.

FREEZE

Designed for sending contents at temperatures below minus 20° C. Dry Ice is the most commonly used refrigerant to keep product or samples frozen. **Dry Ice** is available in several shapes and forms such as pellets, sticks or plates. For transport by air, **Dry Ice** is regulated and considered a dangerous good. We never sealed the boxes hermetically when it contain Dry Ice to displaces oxygen be hermetically sealed when they contain Dry Ice. These freeze solutions ensure that air pressure does not build up and ensure environment below minus 20° C can be maintained for up to 120 hours.



SPECIALIZED COLD CHAIN SOLUTIONS PROVIDES A TOTAL CARE TO YOUR PRODUCT.

CONTROLLED UNIT

This packaging designed to cope with a controlled room temperature environment between 15° to 25° C for up to 72 to 120 hours. The boxes are available in all sizes and are supplied with different sized Pharm-cool Cassettes.

CHILLER BOX

This is designed to cope with a chilled temperature environment between 2° and 8° C for up to 120 hours. The boxes are available in all sizes and are supplied with different sized Pharm-cool Cassettes



We designed this service to handle ambient, controlled at room temperature, chilled or frozen shipments, with abilities in place for monitoring temperature during transit in our network.



WHERE REQUIRED.....we can provide

- DRY-ICE
- Cool-gel Packs
- Coolant Wrap
- Preconditioning service.





PACKAGING SOLUTIONS

LOGISTICS THROUGH, INNOVATION, DEDICATION AND TECHNOLOGY

The pharmaceutical, biotechnology and pharmaceutical wholesalers' sector, and specifically their logistics processes, are characterised by their great complexity due not only to the products' inherent properties, but also due to the abundant and rigorous national and international regulations.

To cater for the peculiarities of these sectors, FLPL sourced & develops, in close collaboration with its customers, all kinds of totally customised solutions for their temp-sensitive products, as well as providing them with an extensive range of standardised products and solution.



HEAT RECOVERY THERMAL COVERS

Be more confident while shipping your temperature sensitive air cargo with our Thermal Cover / Blankets.

We provide more than 10 different type of Thermal Pallet covers with following working principals

- Both side heat reflective surface that reflects heat up to 98%
- 3 – 6 mm still air gap to resist heat transfer through conduction
- Multi-layered construction
- Re-usable & light weight

PACKAGING ACCESSORIES

- ICE-PACKS
- ICE GEL-PACKS
- GEL ICE-PACK BOTTEL
- GEL FREEZER PACKS
- SOFT GEL ICE PACKS
- HART BOTTEL ICE PACK
- MEDICAL ICE PACK
- VACCINE ICE PACK
- REUSABLE ICE PACK
- HDPE ICE PACK BOTTEL
- ICE GEL PACK FOR SHIPPING FOOD
- INSTANT COOL PACK
- FREEZO PACK
- COOLENT WRAP

safety, quality professionalism.

FINEST PACKAGING SOLUTIONS FOR PHARMACEUTICAL & BIOLOGICAL PRODUCTS

OUR PACKAGING SOLUTION FOR 2° TO 8° & 15° TO 25°

PACKAGE-TYPE	External Dimensions (cm)	Internal Dimensions (cm)	Volumetric Weight (KGS)	Dead Weight Empty (KGS)	Validation Duration (HRS)	PHARMACOOLS
FORCE POLY BOX PACKAGING						
FPOLY BOX 3 (ONLY 2°-8°C)	34x34x36	17x17x13	7.3	6.5	36	7x675 g
FPOLY BOX 7	48x45x37	25x21x13	13	11.5	48	6x1350g
FPOLY BOX 14	56x51x43	34x26x15	21	17.7	48	6x2400g
FPOLY BOX 28	64x54x51	38x28x25	28	20.5	72	4x3000g
FORCE TEMCELL PACKAGING						
FTEMP 7	56x42x42	26x13x21	17	20	120	12x1350g
FTEMP 13	61x50x51	28x18x26	23.5	25.5	120	10x2000g
FTEMP28	72x62x51	39x29x25	37	35	120	8x3000g
FTEMP60	73x63x88	45x30x45	72	46	120	24x1350g
FORCE COOL PALLETS - PACKAGING						
FPCOOL EURO SMALL (AMBIENT/CHILLED)	120x80x108	88x48x63	173	90	120	21x3000g
FPCOOL EURO MEDIM (AMBIENT/CHILLED)	120x100x126	88x68x81	252	125	120	30x3000g
FPCOOL EURM LARGE (AMBIENT/CHILLED)	120x100x155	88x68x110	310	150	120	36x3000g
FORCE SPECIAL SILVER-LDY PACKAGING						
FSILVER TIF LD7 QARTER (AMBIENT/CHILLED)	157x120x157	123x86x114	490	227	120	59x3000g
FSILVER TLD7 HALF PMC (AMBIENT/CHILLED)	240x157x159	208x125x115	996	405	120	80x3000g

OUR DRY-ICE PACKAGING SOLUTIONS

DESCRIPTION	External Dimensions (cm)	Internal Dimensions (cm)	Product Volume (Ltr)	Dry Ice (Kg)	Validation Duration
FORCE-3L-45-FROZEN	25x25x30	16x16x15	3	3	72
FORCE-6L-60-FROZEN	31x31x32	17x17x18	6	3.75	72/120
FORCE-14L-45-FROZEN	35x35x36	25x25x26	14	10.5	96/120
FORCE-19L-65-FROZEN	40x40x45	25x25x30	19	11	120
FORCE-24L-69-FROZEN	46x46x38	20x20x15	24	13	120
FORCE-47L-56-FROZEN	56x52x43	41x31x23	47	17	120
FORCE-75L-56-FROZEN	56x52x43	41x31x25	75	25	140



DATA LOGGER-RECORDER

We provide fine quality FSGM DATA Loggers which have and integrated USP Port and PDF generating software on board, so no further software or hardware is required to connect the logger and read the recorded temperature data.



DATA LOGGER -SPECIFICATION

- Temp Range:- 30°C TO + 70°C (-22°F to + 158°F)
- Accuracy: ± 0.5°C to (± 0.9°F)
- Built-in USB Port, No cables or readers required for evaluation
- Credit card size, IP67 waterproof and food safe
- LED alarm and status indicators
- Factory programming enables quick start anywhere





COMMITMENT

Our staff work around the clock to meet the challenges of the industries in which our clients operate.

If you have any queries or would like to request a quote, please do not hesitate to contact us. We are always happy to assist you.

testimonial from valuable customers

PARABOLIC DRUGS LIMITED

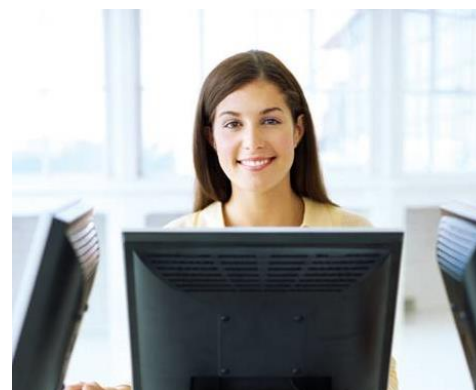
Your experience and knowledge of the rigs and the exportation requirements was clearly evident and shows the differentiation between FORCE and other freight forwarding companies.

D.K.Mani – Manager Logistics

IMPETUS HEALTHCARE

We continue to use the trust the services provided by team FORCE.....We highly recommend the service of Force Logistic to any business looking for a highly reliable and accountable freight and logistics providers.

Nagendra Singh Bisen - Manager EXIM



RAJASTHAN ANTIBIOTICS LIMITED

“The FORCE-Team does a great job of being flexible and responsive to all of our logistics needs... RAL exists in a dynamic manufacturing environment, and we continually challenge FORCE with last minute changes to our just in time world, both in supporting our packaging operation and managing outbound distribution. Our multi-year relationship, started small and each year we do more with FORCE, as they have become a reliable and trusted asset in helping us manage the tremendous growth we experienced.

Kavita – Manager Export



HEALTH CARE BIO-SYSTEMS

The People we work with at FORCE L really care about the timely fulfillment of our commitment. The FORCE team is focused on continuous improvement of our supplies. Their partnership and support have been critical to our rapid growth

Madhu – Manager SCM



SYSCEM INDIA LTD.

Thanks for your extended support. Your experience towards handling of cold chain products are really great.

Here I must say without your support and team efforts it won't be possible for us to full fill our commitment of imported project. THANK YOU.

Suninder Veer – Managing Director



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