



CRYOSPAIN

# Reference list cryolines

**DESIGN AND PRODUCTION OF HIGH VACUUM PIPES FOR CRYOGENICS.  
DESIGNED FOR THE TRANSPORT OF LIN, LOX, LAR, GNL, LHE, LH2 AND LNG.**

## REFERENCE LIST CRYOLINES

DESCRIPTION	YEAR	PIPE DIMENSION / PRESSURE	SERVICE	COUNTRY
LIN Supply Lines	2012	15 m DN15 PN16	LIN	SPAIN
Cooling Line of Cold Boxes	2012	140 m DN25 PN16	LOX	SPAIN
LIN Supply Line to climate chamber	2012	35 m DN25 PN16	LIN	SPAIN
Transfer Lines in bottle filling plant	2012	36 m DN25 PN16	LIN	SPAIN
Transfer Lines in bottle filling plant	2012	15 m DN15 PN16	LIN	GUINEA
LIN Supply Line to climate chamber	2012	15 m DN15 PN16	LIN	SPAIN
LIN transfer on-site ASU	2013	10 m DN15 PN16	LIN	SPAIN
LIN pipe for ASU	2013	42 m DN25 PN20	LIN	SPAIN
Pump supply line from flat bottom tank	2013	15 m DN150 PN4	LIN	SPAIN
LIN supply to aerospace test chamber	2013	100 m DN25 PN16	LIN	SPAIN
Vacuum Chamber LIN supply	2013	2.6 m DN50/DN15 PN16	LIN	SPAIN
LIN transfer line	2013	70 m DN15 PN16	LIN	SPAIN
LIN & LOX pipe for ASU	2014	72 m DN 25/DN15 PN25	LIN / LOX	IRAN
LIN supply aerospace test chamber	2014	10 m DN25	LIN	SPAIN
LIN supply to dropper machine	2014	50 m Dn25	LIN	SPAIN
LIN supply to dropper machine	2014	63 m +Phase separator DN25 PN16	LIN	SPAIN
LIN supply to space simulation chambers	2014	Flexible Hose+Vacuum Insulated Valves + 25 m DN25 PN16	LIN	SPAIN
LOX transfer line	2015	130 m DN50 PN16	LOX	SPAIN
LNG transfers line to ship refuelling	2015	790 m DN300/150/100 PN18.9	LNG	NETHERLANDS
LIN, LOX, LAR transfer line in ASU	2015	146 m DN25 & DN15 PN16	LIN / LOX / LAR	LITHUANIA
LIN transfer Line	2015	50 m DN40 PN20	LIN	SPAIN
LIN transfer line for food freezing	2015	70m DN25 & DN40 PN16	LIN	LITHUANIA
LIN transfer for chemical production	2015	140 m DN25 PN16 & 40 m DN40 PN10 Flexible Line	LIN	SPAIN
LIN transfer in ASU	2015	127 m DN50 PN16 line	LIN	SPAIN
LIN supply to climatic chambers	2016	15 m DN15 PN16	LIN	SPAIN
LIN supply to climatic chambers	2016	60 m DN25 PN16	LIN	SPAIN
LIN pipe in ASU	2016	80 m DN80 PN16	LIN	TAIWAN
LIN pipe to aerospace test chamber	2016	30 m DN15PN16	LIN	SPAIN
LIN & LOX pipe for ASU	2016	36 m DN25/15 PN16	LIN	HUNGARY

## REFERENCE LIST CRYOLINES

DESCRIPTION	YEAR	PIPE DIMENSION / PRESSURE	SERVICE	COUNTRY
LIN supply aerospace test chamber	2016	36 m DN25 / 15 PN16	LIN	SPAIN
LAR for ASU	2017	70 m DN40 PN16	LIN	UKRAINE
LIN supply for spatial test chamber	2017	10 m DN25 PN16	LIN	SPAIN
Liquid Helium	2017	35 m DN25 / DN50 multiline PN10 100 m DN25 PN27	LHe	GERMANY
LIN for hospital	2017	16 m DN15 PN16	LIN	SPAIN
LOX / LIN / LAR for ASU	2017	95 m DN40 & DN50 PN16	LOX / LIN / LAR	RUSSIA
LNG for NGV station	2017	50 m DN25 & DN40 PN24	LNG	FRANCE
LNG for NGV station	2017	60 m DN25 & DN40 PN24	LNG	FRANCE
LIN for gasket production line	2017	20 m DN50 PN16	LIN	PORTUGAL
LIN for gasket production line	2017	55 m DN40 PN16	LIN	PORTUGAL
LHe for nuclear prototype	2018	540 m DN25 / DN50 / DN80 PN30	LHe	ITALY
LOX for medical filling plant	2018	12 m DN25 / PN16	LOX	SPAIN
LNG for Marine fuel system	2018	16 m DN150 PN10	LNG	TURKEY
LIN & LOX ASP	2018	80 m DN20 / 25 / 40PN16	LIN / LOX	ITALY
LNG for NGV station	2018	55 m DN25 PN24	LNG	FRANCE
LIN supply to climatic chambers	2018	15 m DN15 PN16	LIN	SPAIN
LNG for NGV station	2018	20 m DN25 PN24	LNG	FRANCE
LNG for NGV station	2018	40 m DN25 PN24	LNG	FRANCE
LNG for Marine fuel system	2018	300 m DN80 & DN100 / PN10	LNG	SPAIN
LIN ASU	2018	20 m DN32 PN16	LIN	ITALY
LNG for Marine fuel system	2018	100 m DN100 Ventilated Line & 120m Simple Line DN100 / DN 80 & DN50 PN 16	LNG	SPAIN
LNG for NGV station	2019	22 m DN25 PN24	LNG	BELGIUM
LNG for NGV station	2019	75,11 m DN25 PN24	LNG	SPAIN
LOX / LIN / LAR for ASU	2019	LOX 51 m DN15 / LAR 55m DN50 / LIN 75m DN20 PN 16	LIN / LOX / LAR	RUSSIA
LNG for NGV station	2019	47,3 m DN25 PN24	LNG	FRANCE
LIN & LOX ASU	2019	2 Vacuum Insulated Syphons LOX & LIN and 20 m PN16 of VIP	LIN / LOX	CZECK REPUBLIC

## REFERENCE LIST CRYOLINES

DESCRIPTION	YEAR	PIPE DIMENSION / PRESSURE	SERVICE	COUNTRY
LIN transfer line	2019	5,3m 3/4" PN24	LIN	GERMANY
LNG for NGV station	2019	35 m DN25 PN24	LNG	BELGIUM
LIN transfer line	2019	5,3m 3/4" PN24	LIN	GERMANY
Single & coaxial line HELIUM	2019	LHe 8 m DN25 & GHe 12 m DN25 / Coaxial Lhe 9 m DN 15 & Ghe 9 m DN40 PN16	LHe	FRANCE
LIN for ASU	2019	33 m 3/4" PN16	LIN	PERU
LIN for hospital	2019	9,5 m DN15 / PN16	LIN	SPAIN
LHe for spatial rocket launch platform inertization	2019	109,45 m DN15/DN50/ PN20	LHe	GUAYANA
LHe and LH2 for test facilities of rocket engines	2019	38 m DN25/PN20 and 20 m Dn100/PN16	LHe / LH <sub>2</sub>	UK
LIN transfer line	2019	1,5 m 3/4" 40S PN24	LIN	BELGIUM
LNG for Marine fuel system	2019	12 m DN50 Vacuum Insulated Line & 30 m DN50 Ventilated	LNG	FRANCE
LIN transfer Line	2019	5 m 3/4" 40S PN24	LIN	GERMANY
LNG for Marine fuel system	2019	79 m DN250 + 28 m DN200 entilated Line & 54 m Simple Line DN200	LNG	CHINA
LIN transfer Line	2020	6,4 m 3/4" 40S PN24	LIN	BELGIUM
LIN transfer Line	2020	10,1 m 3/4" 40S PN24	LIN	FRANCE
LNG for Marine fuel system	2020	300 m DN80 & DN100/ PN10	LNG	PORTUGAL
LIN for ASU	2020	17,4 m LIN DN20 PN16	LIN	SPAIN
LIN transfer Line	2020	10,4 m 3/4" 40S PN24	LIN	FRANCE
LIN for ASU	2020	29 m LIN DN40 PN16	LIN	UKRAINE
LIN transfer Line	2020	9,2 m 3/4" 40S PN24	LIN	FRANCE
LIN transfer Line	2020	11,5 m 3/4" 40S PN24	LIN	FRANCE
LH2 for Marine fuel system	2020	29,3 m LH2 DN100/65/50/32/25	LH2	NORWAY
LIN transfer line	2020	225 m LIN 2" PN17	LIN	NETHERLAND
Cooling Line of Cold Boxes	2020	130 m LIN DN25 PN25	LIN	SPAIN
LOX transfer line	2020	220 LOX DN20/40 PN14	LOX	UKRAINE

