

# ELASTOPIPE™

Dok.navn / Doc.title: PIPING SPECIFICATION – ELASTOPIPE (FR)™	Dok.nr. / Doc.no.	Side (av) / Page (of):
TRELLEBORG VIKING AS (TV)	89101-002	1 - 1
Utarbeidet / Issued: T. Jørgensen / B. Rakkestad	Dato / Date:	Rev.:
Godkjent / Authorized: T. Skogli / O. B. Rasmussen	25.06.01	B

Piping Class	:	Rating	:	CL 150 (PN20) / PN 16	
Corr Allow	:	0,00 mm	Code	:	ASME B31.3(B16.5 for flanges) / DIN 2633(for flanges)
Weld Factor	:	N/A	Service	:	See Service Index List
Wall Thk Tol	:	Prod. std.			

REFERENCE IS GIVEN TO DOC NO 89101-001 SPECIFIC REQUIREMENTS

## Service Index List

Seawater, freshwater , AFFF, air, open drain(max 40 ppm crude oil)

## Max Design Pressure at Temperature

20 bar from –30 to +70 degr C

## Pipe dimensions

	1”	1,5”	2”	3”	4”	5”	6”	8”
ID	25	40	50	75	100	125	150	200
OD	53	68	78	103,5	128,5	153	184	234

## Table for pipes and connections

PIPE	DN 25 TO 200 – Material(Elastopipe) according to manufact. standard (TV internal drawings)
T-PIECES	DN 25 TO 200 AT ALL ENDS (with reduction if wanted)
X-PIECES	DN 25 TO 200 AT ALL ENDS (with reduction if wanted)

## Hydraulic properties

Hazen-Williams C-factor is 155 and recommended maximum seawater velocity in pipes is 10 m/s for both continuous and intermittent flow conditions.

## Header/ branch connections

All branching are performed by use of T's and X's in Titanium with built in reductions if necessary. It is possible to branch all available dimensions. Connections of straight pipe in same dimension are performed by use of spool piece in Titanium. Materials for Titanium acc. to Norsok MDS – T01.

## End connections, nozzle connections and flanges

All parts including end plugs are supplied in Titanium materials acc. to Norsok MDS – T01.

## Drawings for Titanium parts

Parts manufactured according to TV internal drawings. All titanium parts are manufactured to minimum schedule S-40S with regards to wall thickness.