



**COLLISION GROUPS & PASSIVE SAFETY CODING**

### PASSIVE SAFETY CODING

Groups	Light point height	bracket length	diameter	Wall thickness	position door	position inner tube	plot depth	base plate	Plot type
	Mast height light point		Mast diameter 1		Height door 1 above field HS # 01	Position of the inner tube in relation to ground level	Plot depth (E)	Artnr plot outside	
<b>a</b>	3100 ≥ 2000	0	135 ≥ 76	3 ≥ 1	300 ≤	100 ≤	800 ≥ 600	No	F-COAT; FLAMENCO; THERMOPLAST; SILITHERM
<b>B.</b>	5300 ≥ 2000	0	165 ≥ 76	3 ≥ 1	300 ≤	100 ≤	1000 ≥ 600	No	F-COAT; FLAMENCO; THERMOPLAST; SILITHERM
<b>C.</b>	5400 ≥ 2000	0	165 ≥ 76	3 ≥ 1	300 ≤	300 ≤	600 ≥ 400	No	HDPE
<b>D.</b>	10000 ≥ 2000	0	165 ≥ 76	3 ≥ 1	300 ≤	300 ≤	1500 ≥ 600	No	HDP

Groups	New passive safety coding	Class	Max. Bending Moment	Max. Length (m)	Remarks:	Test masten
<b>A</b>	<b>50 NE B S SE MD 0</b> <b>70 NE B S SE MD 0</b>	70NE3	6,27 kNm	3,1		C031PT03.0T.000
<b>B</b>	<b>50 NE C S SE MD 0</b> <b>70 NE C S SE MD 0</b>	70NE2	9,47 kNm	5,3		C053PT06.0T.000
<b>C</b>	<b>100 NE C R SE MD 0</b>	100NE2	9,47 kNm	5,4	Equipped with an intermediate HDPE sleeve; Backfill Rigid type R	C054PT06.0E.000
<b>D</b>	<b>50 NE C S SE MD 0</b> <b>70 NE C S SE MD 0</b> <b>100 NE C S SE MD 0</b>	100NE2	9,84 kNm	10	HDPE root section	K100UE06,8E,08

## COLLISION GROUPS

Group	Passive safety code EN 12767: 2019	Passive safety code EN 12767: 2007	Max. Bending Moment	Min. Light source height (m)	Max. Light source height (m)	Max. bracket projection (m)	Remarks:
1	50-NE-B-S-SE-MD-0 70-NE-B-S-SE-MD-0 100-NE-B-S-SE-MD-0	100NE3	7455 Nm	2	5,4	1,25	
2	50-NE-B-X-SE-MD-0 70-NE-B-X-SE-MD-0 100-NE-B-X-SE-MD-0	70NE3; 100NE3	29909 Nm	2	15	2	With shear-off construction
3	100-NE-C-S-SE-MD-0	100NE2	18701 Nm	2	12,4	1,5	
4	50-NE-C-R-SE-MD-0 70-NE-C-R-SE-MD-0 100-NE-C-R-SE-MD-0	100NE2	29909 Nm	2	18,1	1,5	Fixed flange plate with break bolts*
5	50-NE-C-R-SE-MD-0 70-NE-C-R-SE-MD-0 100-NE-C-R-SE-MD-0	70NE2; 100NE2	9265 Nm	2	9	0,6	Installed 200 below ground level on rigid base*
6	100-NE-D-S-SE-MD-NR	100NE1	33562 Nm	2	10	1,25	With elongated inner tube below ground level
7	100-LE-C-S-SE-BD-0	100LE3	18701 Nm	10	10	1,25	Special elongated inner tube above ground level
8	100-LE-D-S-SE-BD-0	100LE2	18701 Nm	8	12,4	1,25	Special elongated inner tube above ground level
9	50-NE-C-S-SE-MD-0 70-NE-C-S-SE-MD-0 100-NE-C-S-SE-MD-0	100NE2	9846 Nm	2	10	1,75	HDPE root section
10	100-NE-C-S-SE-MD-1	100NE2	14835 Nm	2	12	2	HDPE root section

\*Special guidelines for installation