

# Bill of Material

Project: Castel - Dakar



Quantity	Unit	Description	ND	Standard	Material	Waterleau Spec	Manufacturer
<b>Type:</b>		<b>Pipe - AISI 304</b>					
374	mm	Pipe DIN 2463-Ø168.3x2	150 mm	DIN2463	AISI 304	WTL_AISI304	
424	mm	Pipe DIN 2463-Ø219.1x2	200 mm	DIN2463	AISI 304	WTL_AISI304	
459	mm	Pipe DIN 2463-Ø273x2	250 mm	DIN2463	AISI 304	WTL_AISI304	
<b>Type:</b>		<b>Pipe HDPE</b>					
79	mm	Pipe - S8/SDR17 - Ø63x3,8 - DN50	50 mm		HDPE 100	WTL_HDPE	Vink - page 98
348	mm	Pipe - S8/SDR17 - Ø125x7,4 - DN100	100 mm		HDPE 100	WTL_HDPE	Vink - page 98
226	mm	Pipe - S8/SDR17 - Ø180 - DN150	150 mm		HDPE 100	WTL_HDPE	Vink - page 98
<b>Type:</b>		<b>Reducer - Concentric - CRRS</b>					
1		Concentric Reducer - S8/SDR17 - Ø125x63	100 mm		HDPE 100	WTL_HDPE	Vink - page 109/110
1		Concentric Reducer - S8/SDR17 - Ø180x125	150 mm		HDPE 100	WTL_HDPE	Vink - page 109/110

Quantity	Unit	Description	ND	Standard	Material	Waterleau Spec	Manufacturer
<b>Type:</b>		<b>Reducer Conc. - AISI 304</b>					
1		Reducer DIN 2616 - Ø219.1x2/168.3x2	200 mm	DIN 2616	AISI 304	WTL_AISI304	
1		Reducer DIN 2616 - Ø273x2/219.1x2	250 mm	DIN 2616	AISI 304	WTL_AISI304	
<b>Type:</b>		<b>Lapped Flange PP-GFK</b>					
1		Lapped Flange - DN150/Ø180	150 mm	DIN 16.962/16.963	PP-GFK	WTL_HDPE	Vink - page 289
<b>Type:</b>		<b>Slip-On Flange ALU</b>					
1		Slip-On Flange Type C - ALU - DN150/Ø168.3 - DIN 264	150 mm	DIN 2642 - Type C	ALU	WTL_AISI304	
<b>Type:</b>		<b>Bolt set</b>					
1		Bolt M20 x 110 - DIN 933 / Nut M20 - DIN 934 / 2 Washer	150 mm			WTL_HDPE	
<b>Type:</b>		<b>Gasket, Flat</b>					
1		Gasket, Flat, 150 ND, 10, DIN 2690, C	150 mm	DIN 2690		WTL_HDPE	
<b>Type:</b>		<b>Collar - QAS</b>					
1		Collar For Lapped Flange - S8/SDR17 - DN150/Ø180	150 mm		HDPE 100	WTL_HDPE	Vink - page 107
<b>Type:</b>		<b>Collar - Short - AISI 304</b>					
1		Collar for lapped flange G DN150xØ168.3 DIN 2642	150 mm	DIN 2642	AISI 304	WTL_AISI304	