



Contact us Al Mafraq Industrial City Muwaqqar Industrial City Tel:962 6 5353287 - Fax:962 6 5335395



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3LPP PIPE



PRODUCT DATA SHEET

		Thickness	
Layers	1st layer	2nd layer	3rd layer
This is a second			Minimal thickness betweer
Thickness	Minimal thickness of 125 µm	Minimal thickness of 150 µm	1.8 and 4.7 mm
*Please refe	er back to one of our sales agent to	be consulted to ensure that the	correct formulation will be
		provided.	
	Che	mical Resistance	
	Chemicals		HDPP
	Acids, Dilute or Wea	ak	E
	Acids, Strong or Concen	trated	G
Alcohols, Aliphatic			E
Aldehydes			G
Bases/Alkali			E
Esters			G
Hydrocarbons, aliphatic			G
Hydrocarbons, aromatic			N
Hydrocarbons, halogenated			N
Ketones, aromatic			N
Oxidizing agents, strong			F
		Continuity	
	Eroo of dofacts and	discontinuities, delaminations,	
		to cathodic disbondment	
Average radius			mm
of	at 65 °C/24 h; –3,5 V	≤7 mm	
cathodic	Maximum operating	≤15 mm	
disbondment	temperature/28; -1,5 V	·· · · · · · · · · · · · · · · · · · ·	
	lotal coa	ating thicknes **(mm)	
Pm (kg/m)	light duty (onshore sandy soil)	moderate duty (clay soils,	heavy duty (rocky soil or
		absence of backfill)	offshore)
Pm ≤ 15	1,3	1,7	2,1
L5 < Pm ≤ 50	1,5	1,9	2,4
50 < Pm ≤ 130	1,8	2,3	2,8
130 < Pm ≤ 300		2,5	3,2
300 < Pm	2,5	3,0	3,8
**Total requir	red coating thickness may be reduc	pipes.	e weld seam for SAW-welded
	Tests	based Standards	
Thickness testing		ISO 21809	
Holiday inspection		ISO 21809	
Impact test		ISO 21809	
Cathodic disbondment test		ISO 21809	
Maximum operating temperature		Hardness Shore D	
	-20 to +110 C°	2	60
Elongation at break at 23 °C ± 2 °C		Impact strength at 23 °C ± 3 °C	
≥400 %		>10 J/mm	
			-
	lensile viele	d strength at 23 °C ± 2 °C	

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