

DATA SHEET

Product Name: Heat Shrinkable Sleeve - Mastic

Trade Name: NIAKIMYA- MMT65

Operation Characteristics

Maximum Operation Temperature	65°C
Maximum Installation Temperature	75°C

Mainline Coating Compatibility

Bitumen/PE/STEEL

Test Item	Unit	Specification	Test Method
Backing thickness (as supplied) , min	mm	1	ASTM D 1000
Adhesive thickness (as supplied), min	mm	1.5	ASTM D 1000
Total thickness (as installed) average	mm	2.7	ASTM D 1000
Holiday detection at 5 kV/mm + 5 kV(see Note 3)	—	No holiday	ISO21809-3
Impact resistance (holiday detection at 5 kV/mm + 5 kV) (23 °C)	J/mm	≥5	ISO21809-3
Indentation resistance at Pressure 10,0 N/mm2: Residual thickness (T max),min	mm	≥0.6	ISO21809-3
Cathodic disbandment, max	23 °C at 28 days	mm	≤10
	T max limited to 65 °C at 28 days	mm	≤20
Peel strength at 10 mm/min to pipe surface and to plant applied coating	23 °C	N/mm	≥1,0
	T max (65°C)	N/mm	≥0,10
Peel strength at 10 mm/min to pipe surface plant coating after 100 day hot-water immersion test at T max limited as per Annex I (23 °C)		P100/P0	≥0,75
			≥0.1
Lap shear strength at 10 mm/min	23 °C	N/mm2	≥0,01
	T max (65°C)	N/mm2	
Thermal ageing resistance (aged at T _{max} + 20 °C)			≥0.75
			≥0.8
Elongation at break E100/E0)			ISO21809-3
Peel strength to pipe surface (E100/E70) (P100/P0)	23 °C	-	≥0.75
			≥0.8
(P100/P70)			≥0.8

The above-mentioned product conforms to the ISO 21809-3:2016 standard.