



TEST REPORT

Test Date: 15/04/2024

Number: QX240153

Reference: PO-SG/24-0028

Specification & Size		SAE 100 R1 AT / DIN EN 853 2SN 2"	Test Standard	DIN EN 853
No.	Test Items	Test Standard	Test Results	Item Judgement
1	Inside Diameter	Between 50.6mm-51.6mm	51.2mm	Qualified
2	Outside Diameter	Should not exceed 68.3mm	66.1mm	Qualified
3	Wall Diameter	Between 62.3mm-63.5mm	62.9mm	Qualified
4	Cover Thickness	Between 1.3mm-2.5mm	1.6mm	Qualified
5	Concentricity	According to EN24671 table 2, the Max variation between internal diameter and outside diameter is 1.3mm	0.5mm	Qualified
		According to EN24671 table 2, the Max variation between internal diameter and reinforcement diameter is 0.8mm	0.4mm	
6	Proof Pressure	160 Bar	No Leakage	Qualified
7	Bursting Pressure	Min. 320 Bar	419 Bar	Qualified
8	Hose Mark	SFLEX=DIN EN 853 2SN DN 51 SAE100 R2AT 2" WP 80BAR 1Q24	Correct	Qualified
9	Length	The length of roll should be 60 Meters	60 Meter	Qualified
10	Adhesion between Components	According to EN 28033, Inner tube with reinforcement layer, outer cover with reinforcement layer, the adhesion should not less than 2.5kN/m	Inner Tube 3.0kN/m Outer Cover 3.2kN/m	Qualified
11	Ozone Resistance	According to EN 27326 first method, enlarge to two times the outer cover should not leak or crack	No Crack	Qualified

