



TEST REPORT

Test Date: 15/04/2024

Number: QX240153

Reference: PO-SG/24-0028

Specification & Size		SAE 100 R1 AT / DIN EN 853 2SN 1/4"	Test Standard	DIN EN 853
No.	Test Items	Test Standard	Test Results	Item Judgement
1	Inside Diameter	Between 6.4mm-6.8mm	6.4mm	Qualified
2	Outside Diameter	Should not exceed 14.8mm	14.7mm	Qualified
3	Wall Diameter	Between 12.1mm-12.7mm	12.7mm	Qualified
4	Cover Thickness	Between 0.8mm-1.5mm	1.0mm	Qualified
5	Concentricity	According to EN24671 table 2, the Max variation between internal diameter and outside diameter is 1.0mm	0.8mm	Qualified
		According to EN24671 table 2, the Max variation between internal diameter and reinforcement diameter is 0.7mm	0.4mm	
6	Proof Pressure	800 Bar	No Leakage	Qualified
7	Bursting Pressure	Min. 1600 Bar	1895 Bar	Qualified
8	Hose Mark	SFLEX=DIN EN 853 2SN DN 6 SAE100 R2AT 1/4" WP 400BAR 1Q24	Correct	Qualified
9	Length	The length of roll should be 100 Meters	100 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

