

## TEST REPORT

Test Date: 15/04/2024

Number: QX240153

Reference: PO-SG/24-0028

Specification & Size		SAE 100 R1 AT / DIN EN 853 2SN 5/8"	Test Standard	DIN EN 853
No.	Test Items	Test Standard	Test Results	Item Judgement
1	Inside Diameter	Between 16.0mm-16.7mm	16.0mm	Qualified
2	Outside Diameter	Should not exceed 25mm	25.0mm	Qualified
3	Wall Diameter	Between 22.2mm-23.0mm	23.0mm	Qualified
4	Cover Thickness	Between 0.8mm-1.3mm	1.25mm	Qualified
5	Concentricity	According to EN24671 table 2, the Max variation between internal diameter and outside diameter is 1.0mm	0.80mm	Qualified
		According to EN24671 table 2, the Max variation between internal diameter and reinforcement diameter is 0.7mm	0.4mm	
6	Proof Pressure	550 Bar	No Leakage	Qualified
7	Bursting Pressure	Min. 1100 Bar	1238 Bar	Qualified
8	Hose Mark	SFLEX=DIN EN 853 2SN DN 16 SAE100 R1AT 5/8" WP 250BAR 1Q24	Correct	Qualified
9	Length	The length of roll should be 50 Meters	50 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

