

QUALITY CERTIFICATION

HOSE: HYDRAULIC HOSE SAE100 R6 1/2" NORM: SAE J517 SAE 100 FIRM: ORDER NO.:	CODE: REPORT NO.: 2024T0902015 DATE OF TEST: 2024/09/01 DATE OF REPORT: 2024/09/02
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TEST NMAE	SPECIFICATION	RESULT			METHOD
		NO:1	NO:1	NO:1	
1.0 DIMENSION CONTROL					EN 24671
1.1 Inside Diameter, mm	12.3-12.7	12.5	12.5	12.5	
1.2 Outside Diameter, mm	18.9-19.5	19.5	19.4	19.3	
1.3 Concentricity (internal-outside/diameter)	MAX:0.8	0.7	0.6	0.5	
1.4 Cover wall thickness mm	0.8-1.5	OK	OK	OK	
1.5 Inner compound	NBR	OK	OK	OK	
1.6 Inner compound code	6280	OK	OK	OK	
1.7 Cover compound	CR/NBR	OK	OK	OK	
1.8 Cover compound code	3345	OK	OK	OK	
2.0 HYDROSTATIC TEST					EN ISO 1402
2.1 Working Pressure, MPA	2.8	OK	OK	OK	
2.2 Change Elongation at W.P. %	+2/-4	0.6	0.5	0.8	
2.3 Proof Pressure, MPA	5.6	OK	OK	OK	
2.4 Burst Pressure, MPA	MIN:11.2	12	13	12	
2.5 Minimum Bend Radius, (130mm) %	MAX:1.0	OK	OK	OK	
2.6 Working temp. MAX	(-40°C/+100°C)	OK	OK	OK	
3.0 COLD FLEXIBILITY					EN 24672/B
3.1(-40°C/24h) (TUBE)	No Crack	Not Cracked	Not Cracked	Not Cracked	
3.2(-40°C/24h) (COVER)	No Crack	Not Cracked	Not Cracked	Not Cracked	
4.0 ADHESIVE					EN 28033
4.1 Liner-Reinforcement, kgf/cm	MIN:2.5	No Separate	No Separate	No Separate	
4.2 Reinforcement - Cover, kgf/cm	MIN:2.5	No Separate	No Separate	No Separate	
5.0 FIULD RESISTANCE					ISO 1817
5.1 ASTM NO:3 (CHANGE IN VOLUME)					
5.1.1(100°C.72h) (TUBE) %	0/100	8.25	8.25	8.25	
5.1.2(100°C.72h) (COVER) %	0/100	38.67	38.67	38.67	
6.0 LEAKAGE TEST MPA	6	OK	OK	OK	EN ISO 1402
7.0 OZONE RESITANCE (COVER)					EN 27326/1-2
(40C/50 pphm O3/72h/%20 Elon./ 2X	Rating:0	Rating:0	Rating:0	Rating:0	
8.0 VACUUM bar	MAX:-0.8	OK	OK	OK	
9.0 IMPULSE TEST Cycles	MIN:200.000	OK	OK	OK	ISO 6803
OBERVATIONS:"THE SAMPLES TESTED WERE FROM TAKEN FROM HOSES WHICH WERE PRODUCED FOR					

INSPECTOR: SIGNATURE:	APPROVED: SIGNATURE
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