

QUALITY CERTIFICATION

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| HOSE: HYDRAULIC HOSE SAE100 R2AT 5/8" NORM: SAE J517 SAE 100 FIRM: ORDER NO.: | CODE: REPORT NO.: 2024T0923003 DATE OF TEST: 2024/09/22 DATE OF REPORT: 2024/09/23 |
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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 | 15.4-15.9 | 15.8 | 15.9 | 15.8 | |
| 1.2 Outside Diameter, mm | 25.2-25.8 | 25.3 | 25.6 | 25.5 | |
| 1.3 Concentricity (internal-outside/diameter) | MAX:0.8 | 0.5 | 0.7 | 0.6 | |
| 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, kgf/cm ² | 250 | OK | OK | OK | |
| 2.2 Change Elongation at W.P. % | +2/-4 | 0.6 | 0.8 | 0.7 | |
| 2.3 Proof Pressure, kgf/cm ² | 500 | OK | OK | OK | |
| 2.4 Burst Pressure, kgf/cm ² | MIN:1000 | 1120 | 1026 | 1086 | |
| 2.5 Minimum Bend Radius, (200mm) % | 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 kgf/cm ² | 540 | 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