

INSPECTION REPORT

REPORT NUMBER: JY-230715001

PRODUCT NAME: WIRE REINFORCED RUBBER HOSE

PRODUCTION UNIT :

REPORT DATE: JULY 15, 2023

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| SAMPLE NAME | WIRE REINFORCED RUBBER HOSE | | |
| BRAND | TEPARK LLC | | |
| SPECIFICATION AND MODEL | EN857 2SC 1" | | |
| PRODUCTION UNIT | | | |
| ENTRUSTED UNIT | | | |
| PRINCIPAL | | INSPECTION CATEGORY | |
| SAMPLE BASE | 10M | SAMPLE SOURCE | MANUFACTURING DEPARTMENT |
| DATE OF SUBMISSION | JUNE 24, 2023 | DETECTION START AND STOP TIME | JULY 24, 2023 TO JULY 14, 2023 |
| TEST ROOM AMBIENT TEMPERATURE | 23°C | TEST ROOM RELATIVE HUMIDITY | 52%RH |
| SAMPLE STATUS | BLACK HOSE INTACT | | |
| INSPECTION ITEM NAME | DIMENSIONS, VERIFICATION PRESSURE, MINIMUM BURST FORCE TEST, LENGTH CHANGE RATE, LEAKAGE, MINIMUM BENDING RADIUS, VACUUM RESISTANCE, LOW TEMPERATURE BENDING, FLUID RESISTANCE, OZONE RESISTANCE, | | |
| TEST BASIS AND DECISION PRINCIPLE | GB/T3683 | | |
| MAIN INSTRUMENT NAMES USED FOR TESTING | EXPLOSION TESTING MACHINE (LTY-NO-03) PULSE TESTING MACHINE (LTY-NO-07) TENSILE TESTING MACHINE (LTY-NO-02) OZONE TESTING MACHINE (LTY-NO-05) LOW TEMPERATURE TEST CHAMBER (LTY-NO-22) HOT AIR AGING TEST CHAMBER (LTY-NO-08) VERNIER CALIPER (LTY-NO-21) ELECTRONIC BLAST DRYING OVEN (LTY-NO-41) | | |
| TEST RESULTS | THE INSPECTED ITEMS COMPLY WITH THE STANDARD REQUIREMENTS OF GB/T3683 | | |

SPECIAL SEAL FOR TESTING UNITS

ISSUANCE DATE: JULY 15, 2023



PREPARED BY: [REDACTED]

APPROVED BY: [REDACTED]

| NO | ITEM | INSPECTI ON METHOD | TECHNICAL REQUIREMENTS | INSPECTION RESULTS | INDI VID UAL JUD GME NTS |
|----|------------------------------------|--------------------------|--|---|---|
| 1 | INNER DIAMETER MEASUREMENT | GB/T9573 - 2013 | 25.5MM,-0.3、+0.3 | 25.5MM | CON FOR M |
| 2 | OUTSIDE DIAMETER MEASUREMENT | GB/T9573 - 2013 | 35.3MM±0.4MM | 35.3MM | CON FOR M |
| 3 | APPEARANCE QUALITY | GB/T9573 - 2013 | THE HOSE MUST HAVE NO LEAKAGE FROM THE BRAID, AND NO BUBBLES, CRACKS, SEA SURFACES, DELAMINATION, OR ABNORMALITIES SUCH AS EXPOSED STEEL WIRES ARE ALLOWED. | CHECK FOR ABNORMALITIES SUCH AS BUBBLES, CRACKS, SEA SURFACES, DELAMINATION, AND EXPOSED STEEL WIRES. | CON FOR M |
| 4 | CONCENTRICITY MEASUREMENT | GB/T9573 - 2013 | ≤0.5MM | 0.31MM | CON FOR M |
| 5 | LENGTH CHANGE RATE % | GB/T9573 - 2013 | UNDER THE DESIGN WORKING PRESSURE, THE LENGTH CHANGE OF THE HOSE SHALL NOT EXCEED -4%~+2%. | THE LENGTH CHANGE RATE OF THE HOSE UNDER THE DESIGN WORKING PRESSURE IS -0.72% | CON FOR M |
| 6 | BLAST TEST | GB/T9573 - 2013 | THE BURSTING PRESSURE IS 4 TIMES THE DESIGN WORKING PRESSURE, THAT IS, 84 MPA, AND THE PRESSURE IS STABILIZED FOR 1 MINUTE. THERE SHOULD BE NO SIGNS OF RUPTURE. | THE BURST PRESSURE WAS 84 MPA, AND THE PRESSURE WAS STABILIZED FOR 1 MINUTE WITHOUT ANY SIGNS OF RUPTURE. | CON FOR M |
| 7 | PULSE TEST | GB/T9573 - 2013 | AT (100 ± 2) °C × 1.33 TIMES THE WORKING PRESSURE, THE PULSE RATE IS NO LESS THAN 200,000 TIMES. | FREQUENCY 60 TIMES/S, PULSE 617,066 TIMES, NO ABNORMALITY IN THE TUBE BODY | CON FOR M |
| 8 | LEAK TEST | GB/T9573 - 2013 | NO LEAKAGE FOR 5 MINUTES UNDER BURST PRESSURE × 70% PRESSURE. | THERE IS NO LEAKAGE IN THE PIPE BODY AFTER THE PRESSURE IS 58.8 MPA FOR 5 MINUTES. | CON FOR M |
| 9 | LOW TEMPERATURE BENDING TEST | GB/T9573 - 2013 | THERE ARE NO CRACKS IN THE INNER AND OUTER RUBBER WHEN BENT 180 DEGREES UNDER FREEZING CONDITIONS OF -55°C×24H. | CHECK FOR NO CRACKS | CON FOR M |

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|----|------------------------|--------------------|--|--|-----------------|
| 10 | OZONE TEST | GB/T2413 4-2011 | UNDER THE OZONE CONCENTRATION OF 40°CX50PPHM, THE MINIMUM BENDING RADIUS IS 250MM, AND THERE IS NO CRACKING UNDER A 2X MAGNIFYING GLASS FOR 72 HOURS. | AFTER 72 HOURS OF OZONE, IT WAS MAGNIFIED 2 TIMES TO CHECK THAT THERE WERE NO CRACKS. | CON FOR M |
| 11 | ADHESION PROPERTIES | GB/T1490 5-2009 | INNER RUBBER LAYER: NOT LESS THAN 2.5KN/M OUTER RUBBER LAYER: NOT LESS THAN 2.5KN/M | INNER RUBBER 4.8KN/M EXTERNAL RUBBER 3.5KN/M | CON FOR M |

STATEMENT

1. The report without the "Special Inspection Seal" of the inspection unit is invalid.
2. The report is invalid without the signature of the chief inspector, reviewer and approver.
3. The inspection report may not be copied in any way without the consent of our company; the inspection report copied with consent (full text copy) should be confirmed by our company's "Special Inspection Seal", and it will be invalid without our company's seal.
4. Report changes and alterations are invalid.
5. The entrusted inspection is only responsible for the samples.
6. If you have any objections to this report, you should submit it to our testing center within fifteen days from the date of receipt of the report. Overdue objections will not be accepted.
7. Sample processing: Samples that pass the inspection can be taken back; samples that fail the inspection will be taken back by the sample sending unit within 15 days if there is no objection; samples for arbitration inspection will be taken back after the case is closed. The above samples shall be collected

by the inspected unit with an entrustment order. If you do not collect it after the due date, it will be handled according to the sample management regulations of our testing center.