| DRAWN | ERK | TITLE | ITEM NUMBER |
|---|---|---|---|
| APPRV | KCB | HOSE-COOLANT SYSTEM, EPDM RUBBER SAE 20R1 | 48-09209 |
| DATE | 02/20/91 | FREIGHTLINER CORPORATION PORTLAND, OREGON | SHEET 1 OF 1 |

SCOPE: THIS SPECIFICATION IDENTIFIES HEAVY DUTY TYPE KNITTED OR BRAIDED YARN REINFORCED EPDM HOSE.

APPLICATION: FOR HEAVY DUTY VEHICLE HEATER SYSTEMS. DESIGNED TO FUNCTION AT LOW AND MEDIUM TEMPERATURES WITH EXTENDED SERVICE LIFE.

SPECIFICATION NUMBERS:

| I.D. NOM. (INCHES) | O.D. REF. (INCHES) | WALL THICKNESS (INCHES) | | FREIGHTLINER SPECIFICATION NUMBERS |
|---|---|---|---|---|
| 1 | 1.40 | .170 TO .220 | | 48-09209-100 |
| 1-1/4 | 1.64 | | | -125 |
| 1-1/2 | 1.88 | | | -150 |
| 1-5/8 | 2.03 | | | -162 |
| 1-3/4 | 2.15 | | | -175 |
| 2 | 2.40 | | | -200 |
| 2-1/4 | 2.65 | | | -225 |
| 2-1/2 | 2.90 | | | -250 |
| 2-3/4 | 3.15 | | | -275 |
| 3 | 3.40 | | | -300 |
| 3-1/2 | 3.90 | | | -350 |

SPECIFICATIONS:

1. THE HOSE SHALL MEET OR EXCEED THE REQUIREMENTS OF SAE 20R1 STANDARD WALL CLASS D-1 TUBE, CLASS C COVER, WITH 1 OR MORE PLIES OF KNITTED OR BRAIDED YARN.
2. TEMPERATURE RANGE: -40° C TO +135° C.

| CHG | JOB/RLSE NO | DATE | BY | REVISION |
|---|---|---|---|---|
| G | P*A078-37 | 07/28/88 | ERK | REVISED AND REDRAWN |
| H | P*F118-05 | 06/19/89 | ERK | ADD -050 |
| J | PA2024-66 | 02/20/91 | ERK | REMOVED -038,-050,-062,-075, & -112 |
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