

DEF DISPENSING HOSE

DEF DISPENSING HOSE IS DESIGNED TO CONVEY THE HIGH-PURITY, AQUEOUS UREA SOLUTION DEF. HOSE TUBE COMPOUND IS FORMULATED WITH LOW-EXTRACTION EPDM AND PEROXIDE CURED TO PROVIDE SUPERIOR EXTRACTION LEVELS TO SIGNIFICANTLY REDUCE CONTAMINATION. FLEXIBLE SOFTWALL CONSTRUCTION PROVIDES SUPERIOR HANDLING IN STANDARD DISPENSING AND REELING APPLICATIONS.



Application

Diesel Exhaust Fluid (DEF: aqueous 32.5% nitrogen solution of high-purity urea in deionized water) is a key component of selective catalytic reduction (SCR) systems, which help diesel vehicles meet stringent emission regulations effective January 1, 2010. DEF is a liquid reducing agent that reacts with engine exhaust in the presence of a catalyst to convert smog-forming nitrogen oxides (NOx) into harmless nitrogen and water vapor.

* Static wire available for installation in Class I, Division 1 areas.

Construction

> Tube

Specially formulated low-extraction EPDM, peroxide cured

> Cover

Specially formulated EPDM

> Reinforcement

Textile braid

Temperature Range

-40°F to 140°F (-40°C to 60°C)

| SAP # | ID | | Nom. OD | | Max. WP | | Weight | |
|----------|-----|------|---------|------|---------|------|---------|------|
| | in. | mm | in. | mm | psi | MPa | lb./ft. | kg/m |
| 20554236 | 1/2 | 12.7 | 0.89 | 22.6 | 250 | 1.72 | 0.21 | 0.31 |
| 20528917 | 3/4 | 19.1 | 1.13 | 28.8 | 250 | 1.72 | 0.30 | 0.46 |
| 20686517 | 1 | 25.4 | 1.45 | 36.8 | 250 | 1.72 | 0.42 | 0.62 |