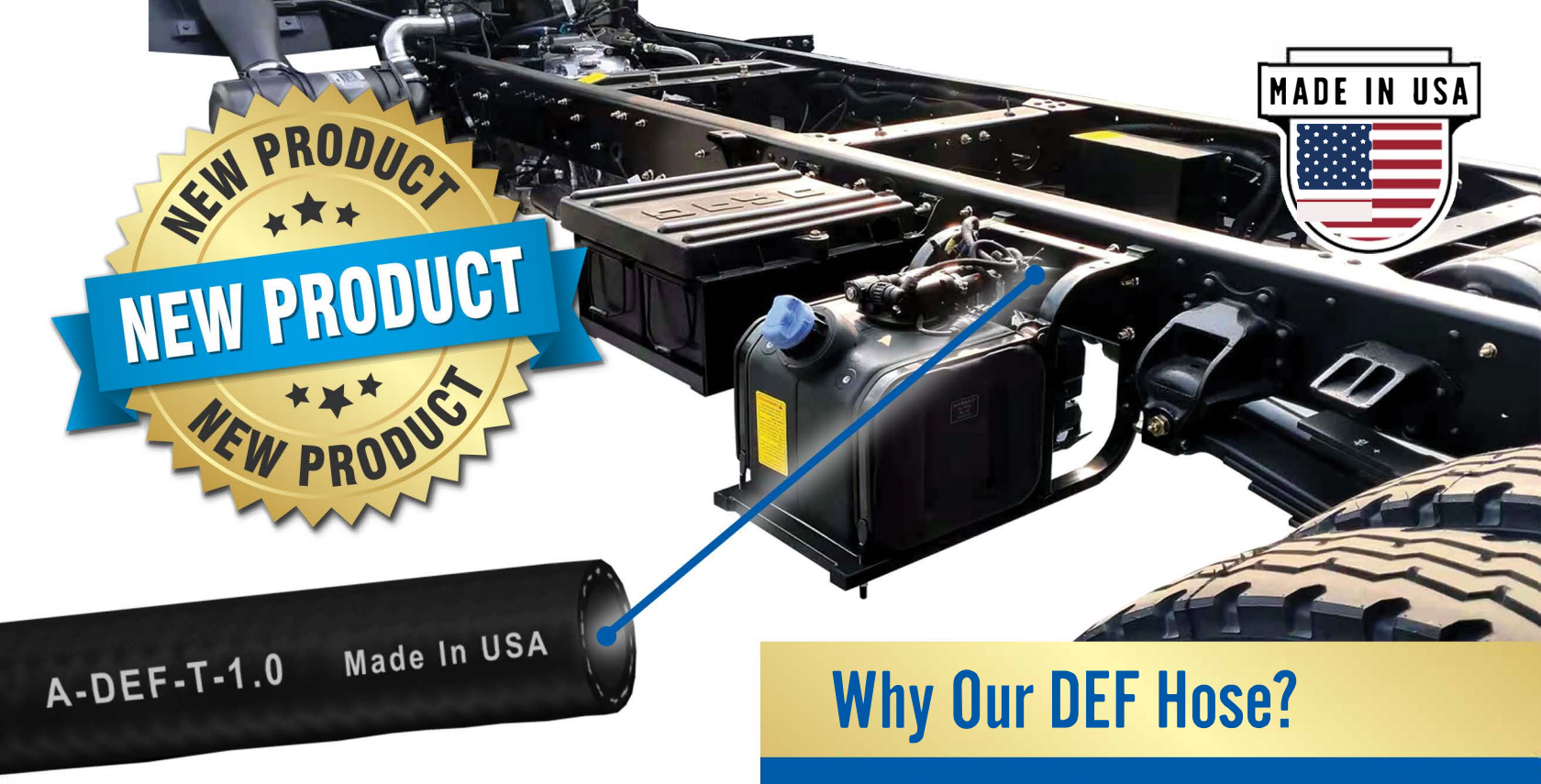


## The Best DEF Hose

**Our exclusively made DEF hose is specifically designed to transport high-purity, aqueous urea solution, (Diesel Exhaust Fluid).**

***DEF: aqueous 32.5% nitrogen solution of high-purity urea in de-ionized water.***

**Diesel Exhaust Fluid is a key component of selective catalytic reduction (SCR) systems, this system helps diesel vehicles meet strict emission regulations.**

**We offer flexible, softwall construction with reinforcements. This offers our DEF hose superior handling in standard dispensing along with any reel application.**

## Why Our DEF Hose?

- Exclusively Made in The USA
- Stocked at our location
- Will Stock Per Your Requirements
- Comes in 3 Roll Sizes

1/2" - 100' Roll
3/4" - 75' Roll
1" - 100' Roll

# A-DEF-T TRANSFER HOSE PROPERTIES
# ADBULE DEF RESISTANCE

**ORIGINAL PROPERTIES**

| ITEM | UNIT | EPDM |
|---|---|---|
| **Hardness** | Sh A | 65 |
| **Tensile Strength** | MPa | 10.4 |
| **Elongation at Break** | % | 389 |
| **Tear Strength** | N/mm | 10.5 |
| **Density** | $g/cm^3$ | 1.14 |
| **Compression Set 22h at 125°C** | % | 33.8 |
| **Cold Reference (Stiffness Value)** | °C | -63.4 |

**HEAT AGING RESISTANCE**

| ITEM | UNIT | Properties after 21 days at 125°C | Properties after 42 days at 125°C |
|---|---|---|---|
| **Hardness Change** | Sh A | +3 | +4 |
| **Tensile Strength** | MPa | 10.2 | 9.4 |
| **Tensile Strength Change** | % | -2.0 | -9.6 |
| **Elongation at Break** | % | 400 | 310 |
| **Elongation at Break Change** | % | +2.8 | -20.3 |
| **Volume Change** | % | -0.5 | -1.0 |

**ADBLUE DEF RESISTANCE**

| ITEM | UNIT | Properties after 7 days at 90°C in AdBlue DEF | Properties after 21 days at 60°C in AdBlue DEF | Properties after 42 days at 60°C in AdBlue DEF | Properties after 21 days at 80°C in AdBlue DEF | Properties after 42 days at 80°C in AdBlue DEF |
|---|---|---|---|---|---|---|
| **Hardness Change** | Sh A | -1 | +0 | -1 | +0 | -1 |
| **Tensile Strength** | MPa | 11.7 | 10.9 | 10.3 | 10.7 | 10.2 |
| **Tensile Strength Change** | % | +12.9 | +5.0 | -1.0 | +3.0 | -1.9 |
| **Elongation at Break** | % | 418 | 400 | 391 | 390 | 392 |
| **Elongation at Break Change** | % | +7.6 | +2.8 | +0.5 | +0.3 | +0.8 |
| **Volume Change** | % | +0.8 | +0.3 | +0.9 | +0.4 | +1.4 |