



# SOFT-FLEX™ DEF Dispenser Hose

## Series 7116M

Series 7116M is designed to dispense or transfer diesel exhaust fluid (DEF) into the on-board selective catalytic reduction (SCR) system of buses, heavy trucks and off-road vehicles used in agricultural, construction and material handling applications. The hose construction incorporates a specially formulated EPDM tube and multiple plies of textile reinforcement for flexibility and kink resistance. The EPDM cover is resistant to abrasion, mild chemicals and ozone.

**NOTES:**

- To avoid DEF contamination, use only hose designed for the application, and stainless steel couplings to fabricate hose assemblies.
- Do not use for oil or fuel service.

<b>Tube:</b>	Black EPDM, peroxide cured
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Black EPDM; smooth finish
<b>Temp. Range:</b>	-40°F to +212°F (-40°C to +100°C)
<b>Brand Method:</b>	White ink
<b>Brand Example:</b>	PARKER SERIES 7116M DEF SOFT-FLEX™ (ID) MAX WP 150 PSI MADE IN USA (DATE CODE)
<b>Design Factor:</b>	4:1
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• DEF fluids, urea</li> <li>• Dispensing for buses, trucks, mobile equipment</li> <li>• Agriculture, construction, transportation</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Compare to:</b>	Flextral PE60; Veyance DEF Dispensing Hose
<b>Packaging:</b>	Reels, cartons

### Bulk Hose

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7116M-500	1/2	12.7	4	0.893	22.7	0.24	0.11	5.0	127.0	150	10.3	*	550	N
7116M-750	3/4	19.1	4	1.156	29.4	0.34	0.15	6.0	152.4	150	10.3	HBL-C	400	Y
7116M-1000	1	25.4	4	1.429	36.3	0.46	0.21	8.0	203.2	150	10.3	*	300	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

### Hose Assemblies

Part Number	ID (in)	ID (mm)	Length (ft)	Length (mtrs)	Approx Wt (lbs/ea)	Approx Wt (kg/ea)	Max Rec WP (psi)	Max Rec WP (bar)	Coupling Combination	Std Pack Qty (ea)	Stock Status **
71163PRBK-144	3/4	19.1	12	3.66	4.37	1.98	150	10.3	SS Rigid BSPP w/Seal, Each End	1	Y
71163PRBK-180	3/4	19.1	15	4.57	5.58	2.53	150	10.3	SS Rigid BSPP w/Seal, Each End	1	Y
71163PRNK-144	3/4	19.1	12	3.66	4.37	1.98	150	10.3	SS Rigid Male NPT, Each End	1	Y
71163PRNK-180	3/4	19.1	15	4.57	5.58	2.53	150	10.3	SS Rigid Male NPT, Each End	1	Y

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**⚠ WARNING!** Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the [NAHAD Industrial Hose Assembly Guidelines](#).