



**Engineered Systems**  
PART OF OPW FLUID TRANSFER GROUP  
A DOVER COMPANY

- PIPE, TUBING, AND HOSE COUPLING SEALING SOLUTIONS
- PROCESS PIGGING
- PRODUCT RECOVERY TECHNOLOGIES

**HILTAP**  
FITTINGS LTD.



## HT-3LB SERIES

Quick couplings for lube blending and solvent transfer

TOTAL INTEGRITY  
**ZERO HARM**



### Description

The HT-3LB Series is an all purpose lightweight 275 psi quick coupling designed to ANSI B.31.3 for leak tight operation through a wide range of temperatures. The design offers a non restrictive flow with no variation in pipe diameter. The reusable sealing components are made of different metals having their own unique hardness and thermal properties, so as to further enhance the seal as temperature changes are encountered. Our unique safety ring ensures Safe venting of any residual pressure.

- *Optional articulated handles available.*

*Innovative coupling technology for lube blending and pipe descaling systems.*

### Features

- Designed to replace hammer unions and conventional CAM locking couplings.
- Full port I.D. for "pigging"
- Repeatedly reusable metal to metal with tertiary enviro "O" ring seal.
- Non-restrictive flow characteristics for faster hook-ups.
- Unique automatic safety feature vents residual pressure should line pressure remain.
- Only light torque required when tightening to rated pressure.
- Compact and available in any combination, of threaded, butt weld or hose barbed ends to reduce installation cost.
- Designed and tested to ANSI B31.3.
- Quality assurance to ISO 9001-2000.
- Material traceability available.
- Assorted colors available.

Please consult our website or catalogue for engineering specifications relating to your application.



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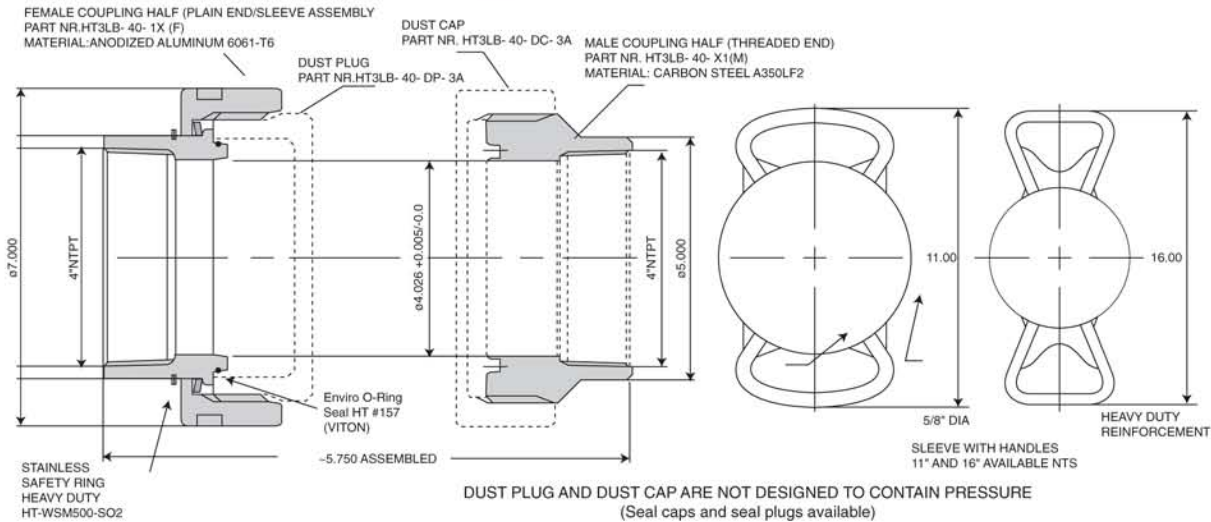
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## HT-3LB SERIES

Quick couplings for lube blending  
and solvent transfer

### 4"HT3LB- 40- 11 6061 T6/A105 ILLUSTRATED



#### Female half anodized colors

Blue	Standard
Red	Special order
Gold	Special order
Purple	Special order
Green	Special order
Clear coat	Special order

2 shades of each above color available

#### Allowable pressure according to ANSI B31.1 and B31.3

End fitting material	Application temp.	Allowable pressure (PSI) B31.1	B31.3
Aluminum	-20 - 100°f	595	790
B241 6061-T6	Max. 400°f	355	470
A105/A350LF2	-20 - 650°f	1,390	1,850
Carbon steel	Max. 800°f	950	1,265

#### Order Information HT3LB- 40- 11 6061 T6/A105

Nominal pipe size (inches)	Female half	Male threaded half	material
<b>20-</b> 2.0 inch. (50.8 mm)	<b>1</b> Internally threaded		<ul style="list-style-type: none"> <li>Aluminum 6061 T6</li> <li>Carbon steel A105/A350 LF2</li> <li>Stainless steel 304/316 dual grade</li> <li>Monel</li> <li>Alloy 20</li> <li>Other coatings available (eg. Zinc, Cadmium, Teflon)</li> </ul>
<b>30-</b> 3.0 inch. (76.2 mm) with 4 A threads per inch	<b>2</b> Externally threaded		
<b>40-</b> 4.0 inch (101.6 mm) with 3 A threads per inch	<b>3</b> Butt weld		
<b>60-</b> 6.0 inch (152.4 mm) with 2 A threads per inch	<b>4</b> Male socket weld		
	<b>5</b> Female socket weld		
	<b>6</b> Hose barb (Smooth bore)		

Safe, Environmentally friendly, Quality products.  
Patented, Patents pending.

1-800-661-6150 Toll-free

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Printed in USA 3/09 • www.hiltap.com

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