



# Five Minute Meeting:

**Topic:** Continental Constab Mechanical Fittings Variance

**Date:** October 2021

**Audience:**

Gas Maintenance & Construction, Gas General Construction, Inspectors, Contractors and Applicant Installers

**The key thing you need to know**

A material shortage has made purchasing yellow MDPE Constab fittings difficult. To ensure adequate supply, PG&E has approved the use of certain black HDPE Constab fittings with a variance. This 5MM provides the list of recently approved HDPE Constab fittings. For all other approved Constab fittings, accessories, and installation procedures, refer to the following guidance documents and Table 1 below:

- B-91.1, “Polyethylene (PE) System Mechanical Fittings”
- TD-4170P-50, “Mechanical Fitting Connections for Polyethylene Pipe (Stab Outlet)”
- EMS-4761, “Non-Corrodable Mechanical Fittings for Polyethylene Gas Piping and Tubing”

**Why it matters to you**

This variance will allow for the use of certain HDPE equivalents to the currently approved MDPE Continental Constab Mechanical Fittings listed in Table 1.

**Key discussion points**

**Yellow Vs. Black**

The most noticeable difference between the HDPE and MDPE Constab Mechanical fittings is the color. The newly approved HDPE fittings are typically black in color, which differs from the current yellow MDPE fittings. The form, fit, and function of the HDPE fittings are identical to MDPE. **There is no difference to the installation procedures for these fittings.**



**Figure 1. HDPE Vs. MDPE Constab Fittings**

A Revision to B-91.1 is in process to update the table of approved Constab Fittings.

## **Material Codes and Part Numbers**

Part numbers for the newly approved black HDPE Continental Constab Mechanical Fittings are in the table below. The material codes are shared with the equivalent yellow MDPE fittings.

**Table 1. Approved Constab Fittings**

<b>Description</b>	<b>Size (Inches)</b>	<b>Manufacturer's Part Number (Continental HDPE)</b>	<b>Material Code (shared with equivalent yellow MDPE fitting)</b>
Coupling	½ CTS	3259-52-1004-00	M021035
	1 CTS	3259-52-1008-00	M021021
	1¼ IPS	3259-52-1015-00	M021554
	2 IPS	3259-52-1017-00	M021559
Blind-End Coupling (With Cap-and-Go End)	½ CTS	3259-57-1004-00	M021032
	1 CTS	3259-57-1008-00	M020083
	1¼ IPS	3259-57-1015-00	M021556
	2 IPS	3259-57-1017-00	M021561
Three-Way Tee	½ CTS	3259-50-1004-00	M021138
	1 CTS	3259-50-1008-00	M021145
Elbow, 90°	½ CTS	3259-51-1004-00	M021037
	1 CTS	3259-51-1008-00	M021036
Blind-End Cap	½ CTS	3259-53-1004-00	M024579
	1 CTS	3259-53-1008-00	M024587
	1¼ IPS	3259-53-1015-00	M021704
	2 IPS	3259-53-1017-00	M021701

Additional sizes/configurations of the black HDPE Constab fittings may be approved in the future, but at this time only those listed above are approved. **All yellow MDPE Constab fittings listed in B-91.1 remain approved for use.**

### **Who do I contact with questions?**

If you have questions, contact the following:

- Stephanie Uhlich, Standards Engineering, 925-818-3592
- Mike Lumm, Standards Engineering, 209-534-3182
- Matteo Rossi, DIMP, 408-531-5535