Comput-Ability® Estimate Systems Mechanical Insulation's Key Estimator™ - Version XV

MIKE[™] XV Guide to using a Wrap Type Insulation in a Pipe Spec.

A new feature has be added to **MIKE[™] XV.** This feature allows you now to estimate **Wrap Types** of **Insulation** directly on Pipe and Pipe Fittings.

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In the past,a work around process was created that let you create a LF pipe price table from a SF wrap price. The problems with this process were that if the wrap price changed the batch utility to create had to be rerun and the insulation printed in the Bill of Material reports as LF not SF.

A couple of examples of the old process are Material Codes **ASP** <u>Amaflex Sheet on Pipe</u> and **DWP** <u>Duct Wrap on Pipe</u>. The **ASP** Material Code was then linked to the Pipe Productivity Code **FLX** <u>Flex Tubing</u>. The **DWP** Material Code was linked to the Pipe Productivity Code **DWP** <u>Duct Wrap on Pipe</u>.

These two **Pipe Productivity Tables** now need to copied the respective **Wrap Productivity Tables**.

The following steps will guide you through this process.

Step 1: *Open* the **MIKE[™] XV** Tables Module by clicking on the **Tables** *dropdown menu*.



Step 2: In MIKE[™] XV Tables *Click* on the **Productivity** *dropdown menu.* Select **Batch maintenance** and then *select* **Copy Productivity Code**.

Step 3: Select **DWP** for the Existing Productivity Code and **DUW** for the New Productivity Code. Then *click* on the **Ok** *button*.

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Step 4: Run the program again this time select **FLX** for the Existing Productivity Code and **RUB** for the New Productivity Code. You should only copy from 4" pipe size and above. *Enter* a **4** in the beginng range of sizes. Then *click* on the **Ok** *button.*



Zoom Code Specification Description - Pipe Materials Туре Waste FLX Flex Tubing -10.00 % Discount Insulation RUS W Pipe FSX Flex Sheet NON \$/SQ Jacket - 1 90s Select Codes with Linkage х 45s Tee Click to Range Both Vendor Name ARMACELL on a Vendor Code UCs and W Prod Set MASTER SET Vendor Select wV: Prod Code Rubber Sheet Types BV₹ Material Vendor Labor Prod ٠ Type Description Discount Code Set Code L. de FPs RIS1 w INSUL-SHEET S2S NOM 0.00 KFX MAS RUB RSA1 w INSUL-SHEET Adhesive Back_NOM 0.00 KFX MAS RUB Acci RTCF THERMACEL Sheet NOM 0.00 NOM MAS RUB w Inlin RUB INSUL-TUBE I. NOM. 0.00 KFX MAS FLX E RUS W AP Armaflex Sheet ARM -25.00 ARM MAS RUB RUT L THERMACEL NOM NOM FLX 0.00 MAS RUTS NOM L THERMACEL Seam Seal NOM 0.00 MAS FLX ns N RUW I INSUL-TUBE White NOM 0.00 KFX MAS FLX ROX **RX12** Т Roxul Techton 1200 WM PC ROX 0.00 MAS MIN 00 Estimate tima Select View Prices View Productivity Cancel 🐼 Duct/Equip Insulation Pricing Two new buttons have also been added to the Material Code Selection Screen, you can now Dode Developion Vendo Code SQ Price Thickness AF Amofex Sheet 0.77 2021 nus АПМ view the Pricing Table and Productivity Table. 12 299 BUS AF Am af es Sheat ARM 2.00 RUS AF Armaficx Shool ARM 1 50 10 360 nus All Annahex Sheet ALIM 🔂 Proe Labor Productivities 🔰 8.00 Hours per day RUS AF ∧rmafex Sheet АЯМ or Siza ross Tipe DDs Tee: JCs WVs CV: 151 300 A00 SFF 1974 197 311 BUS AF Arreatics Sheet ARM 45: -00 M 900 Stime Dende ICep; Reci C.07 0.07 20400 CLCC 01:00 07:00 07:00 41:00 41:00 00.70 07.00 1787 137 28507 8107 3111 3700 8700 4107 4101 4311 4380 #100 5507 1501 1751 1600 980 1787 31.11 87.00 162 137 25211 8111 8111 3200 8200 4111 4100 31.11 87.00 1.4 1.7 2010 401 75.0 3600 3600 40.0 40.0 75.0 7500 40.0 201 15.0 17.0 1600 390 17.0 75.11 - 96.00 LEF J 37 20200 YELL 75 JJ 35 00 80.00 40.00 40.00 73.00 80.00 .00 0.37 246.00 71.00 71.00 35.00 86.00 41.00 40.00 40.00 43.00 4.00 22.00 18.00 17.00 6.00 3.00 17.00 7100 86.00 05.00 0.07 DOLCO 71.00 71.00 05.00 05.00 4C.CC 4C.C0 71.00 125 0.07 240.00 05.00 05.00 00.00 00.00 10.00 10.00 44.00 41.50 00.00 22.00 10.00 10.50 5.00 9.00 10.50 55 00 00.00 2 132 246 00 21 00 21 11 35 00 85 00 40 00 40 00 7111 8500 191 137 241.00 55.00 59.11 77.00 77.00 57.00 57.01 41.11 33.50 37.00 50.00 17.01 15.51 14.00 8.50 16.60 59.11 77.00 Mudio 1.62 U.37 244.00 41.00 71.00 35.00 85.00 40.00 40.00 /1.JJ 80.00 2.11 J.37 22.11 CALL 57.33 77.00 74.00 SELL SELD 33.33 37.00 38.00 TELL TELD TS.33 74.00 8.00 TELL 2 JJ - 74.00

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Now when you *Zoom* in the **Pipe Spec** *Screen* to select a **Material Code**, both **I** and **W Material Types** are listed.

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The example above shows how you can set up the **System Spec Linkage** to put Armaflex Pipe Insulation on pipe up to 4" and Amaflex Sheet on Pipe above 4".

222 -	Test Wrap on Pi	ipe - Pipe Take-c	off														
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During the (Re)Calculation process the program auto creates a Pipe LN Price Table from the Wrap Price Table.

The **Bill of Material Report** now shows the **SF** Quantity of **Wrap on Pipe**. It also shows the **LF of Pipe** in the **Pieces** column and the **Streach Out** in **LF**.

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Description		Material Code			Size	Thickness	IOD Fit #	Wrap Pieces	Quantity	1
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		RUS	S	*	14'	x 1"	4.19	6	25 *	SF
				* Ov	ersize Pij	e Covering f	for BVs FP FVs & Strain	ners		4
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