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## Overview

Material transfer option allows specific component types to be output in a different material group when generating the material list.

The **MLD** (material list definition) file controls the transfer and is structured like this example:-

### **TRANSFER**

#### **107 FLAN**

The 107 refers to the component record I.D. (107 = blind flange), the word FLAN is the sort group which the blind flange will be listed. By default the blind flange (107) will be listed under fittings.

To further increase flexibility, the SKEY can be added so that only a particular SKEY of the record I.D. is transferred. For example:-

### **TRANSFER**

#### **90 VALV CV\*\***

This example transfers record I.D. 90 (instrument) to the valve group (VALV) but only instrument that have an SKEY of CV\*\*, (CV\*\* refers to a control valve with any end preparation).



## Available Sort groups

PIPE	(Pipes)
VALV	(valves and inline items)
FITT	(Fittings)
INST	(Instruments)
FLAN	(Flanges)
SUPP	(Supports)
GASK	(Gaskets)
MISC	(Miscellaneous components)
BOLT	(Bolts)
Welds	(Welds)



## Available Record I.D.

Record I.D.	Description
30/31	Bend or U Bend
35/36	1) Elbow 2) Reducing Elbow
40/41/42	1) Olet 2) Instrument Tee
45/46/47	1) Tee 2) Tee Set On branch 3) Tee Stun In branch
50/51/52/53	1) Cross 2) Cross Set On branch 3) Cross Stub In branch
55	1) Concentric Reducer 2) Eccentric Reducer
60/61/62	1) Concentric Teed Reducer 2) Eccentric Teed Reducer
65	1) Reducing Flange Concentric 2) Reducing Flange Eccentric
70/71/72	1) Tee Bend 2) Tee Elbow
75/76	Angle Valve
80/81/82	3 Way Valve
85/86/87/88	4 Way Valve

**Available Record I.D. continued...**

Record I.D.	Description
90	Instrument Dial
90/93	1) Instrument Straight through 2) Instrument Angled 3) Instrument Offset 4) Instrument Return
90/91/93	3 Way Instrument
90/91/92/93	4 Way Instrument
95/96	1) Misc Component Straight through 2) Misc Component Angled 3) Misc Component Offset 4) Misc Component Return
100	Pipe
101	Fixed Length Pipe
102	Fixed Length Pipe Block
103	Variable Length Pipe Block
104	Gap component
105	Flange
106	1) Lap Joint Stub End 2) Lap Joint Stub Ring
107	Blind Flange
110	Gasket
111	Hygenic Connector
112	Hygenic Backing Nut
113	Hygenic Clamp
114	Hygenic Misc. Component
115	Bolt
120	Weld
125	Cap



## Available Record I.D. continued...

Record I.D.	Description
126	1) Coupling 2) Elbolet
127	Union
130	Valve - Straight or Reducing
132/133	1) Trap - Straight through 2) Trap Angled 3) Trap Offset 4) Trap Return
134	Safety Disc / Vent
136/137	1) Filter Straight through 2) Filter Angled 3) Filter Offset 4) Filter Return
140	Instrument Balloon
150	Pipe Support



## Available Skeys

Skey's are far too comprehensive to list here, refer to separate skey document for all available skey's.