

High Security Label Material

Durattach Label Material

HellermannTyton introduces a new concept in high security label marking. When indelible marking is needed in harsh chemical environments, the Durattach (DTH) label and ribbon combination, along with a standard thermal transfer printer, achieves extremely chemical and solvent resistant printing. The Durattach material can stand up to alcohol, toluene, acetone and other chemicals without the need for a clear plastic over-laminate to protect the printed text.

DTH is suited for printing process control labels and also the name plate labels, especially if high density barcoding or high quality printing is needed. The chemical and friction durability is excellent with superior print quality. In areas where the label must remain legible for security reasons, the Durattach DTH is an ideal solution.

The labels can be printed with the HellermannTyton's thermal transfer printing systems. The standard DTH ribbons will also provide a high quality mark on HellermannTyton Shrink-Tags.

Durattach Labels

HellermannTyton Part No.	Description	Qty Per Roll
TAG13T4-DTH	.75" X .25" - 4 across	10000
TAG16T3-DTH	.9" X .25" - 3 across	10000
TAG15T3-DTH	1" X .5" - 3 across	10000
TAG27T2-DTH	1.5" X .75" - 2 across	10000
TAG99T1-DTH	2.0" X .25" - 1 across	2500
TAG73T1-DTH	2.0" X 1.0" - 1 across	3000
TAG33T1-DTH	3.0" X 2.0" - 1 across	1000

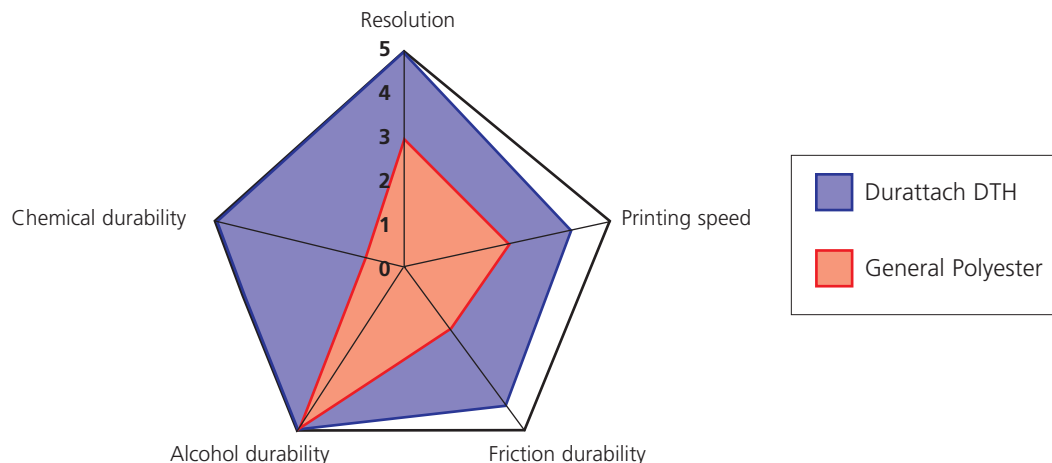
custom sizes available upon inquiry - minimums may apply.

**Durattach labels + Durattach ribbon =
The most permanent mark in the industry**

Durattach Ribbon

HellermannTyton Part No.	Length	Printer	Use With
TTDTHOUTSM	110 mm X 50 m	TT210SM or TT310SM	Shrink-Tags or Durattach Labels
TTDTHOUT	102mm X 300 m	TT1210	Shrink-Tags or Durattach Labels

Comparison of the DTH and general polyester label



Friction and Chemical Durability

Description	Durattach DTH Label	General Polyester Label
Blank		
Plastic Eraser 50 times		
Plastic Eraser 100 times		
Isopropyl Alcohol 20 times		
Toluene 20 times		
Acetone 20 times		

Test Method

Friction durability - A label is rubbed back and forth 50 or 100 times with a plastic eraser.

Chemical durability - A label is rubbed back and forth 20 times with a load of 200 g applied to cotton soaked in each of several organic solvents.

Label Material	DTH High Density Polyolefin
Topcoat	Specially formulated for indelible ink anchorage using DTH ribbon specifically
Liner	50#
Temp. Range	-40F to +140F (-40C to +60C)
Adhesive Type	Acrylic
Application	For flat or slightly curved surfaces only

Printing Energy and Printing Speed

Description	Durattach Label	General Polyester Label
Printing Energy	0.10mj/dot	0.13mj/dot
Printing Speed	57 pcs./min (30mm x 50mm)	46 pcs./min (30mm x 50mm)

HellermannTyton offers a complete identification product line including the Spirit® 2100 portable printing system, computer printable labels, TagPrint Pro™ labeling software package and an extensive line of printers, markers, signs and label books.



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