

MERCO TAPE – TECHNICAL DATA SHEET

Merco M45 Threadmaster® Perseus™

High Density Threadseal Tape

Merco Threadmaster® Perseus™ PTFE Threadseal Tape is for applications that require the sealing properties of a premium grade, high density, *PURE* PTFE thread sealant. This thread sealant is intended to be used for general pipe thread sealing. **Spool and Shell**, 520" and 1296" long rolls and offered in 1/2", 3/4" and 1" widths.



Merco Threadmaster® Perseus™ PTFE Threadseal Tape permits **quick, clean, economical sealing** of male pipe threads of all sizes and **reduces the risk of system contamination** common with liquid and paste sealants. The **self-lubricating quality** of this unsintered PTFE (polytetrafluoroethylene*) tape makes joints **easy to assemble and disassemble** and **extends the fatigue life** of the sealed connection.



Totally maintenance free, Merco Threadmaster® Perseus™ is virtually chemically inert, non-toxic and non-flammable. Its **10 years shelf life**** allows **prewrapping and storage of threaded parts.** It will withstand temperatures from **-450°F (-232°C) to 550°F (265°C)**, and pressures from a hard vacuum to **100 psi*****. This superior tape is made in an **ISO 9002 certified**

facilities to meet UL and ULc. Meets MIL-T-27330A.

We would like to repeat something one more time: **Merco Threadmaster® Perseus™ PTFE Sealant Tape is 100% PURE PTFE.** Yes, 100% pure, unlike some blue tapes on the market. (PTFE is a white compound so if you are buying a blue PTFE thread seal tape you are buying colorants and contaminants. As in, *not* pure PTFE)



Thickness	3.5 mil	D-375	Longitudinal Tensile	100 psi***	D-882
Specific Gravity	.8 g/cm ³	D-792	Width Tensile	100 psi	D-882
Elongation	75%	D-882	Package	Spool/Shell/Labeled	
Color	WHITE !!		Cert's	UL, ULc	

* *Not* Teflon®. DuPont owns that trademark and insists there is no such thing as Teflon® tape. **Polytetrafluorethylene does not have a shelf life. *** UL tests to 100 psi. Our PTFE can hold significantly higher psi, and **generally** the other components in the system will fail before Merco Threadmaster® Perseus™. *TEST this product to determine suitability for your needs.*

Merco Tape

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