



## Ferrules for Perkin Elmer, Shimadzu & Thermo Instruments

### For Perkin Elmer, Shimadzu, & Thermo Instruments

TL-100 = 100% TL-POLYIMIDE

TL-085 = 85% TL-POLYIMIDE / 15% Graphite

TL-060 = 6-% TL-POLYIMIDE / 40% Graphite

Column Connection	Size	Material	ProPlas Part #	PE Part #	SGE Part#	Price/10pk
<b>For Perkin Elmer</b>						
<b>(15% Graphite / 85% TL-Polyimide)</b>						
For 1/16" OD Tubes	1/16" x 1/16"	TL-085	TL-85600	9920127	072657	\$55.00
For 0.1 mm - 0.25 mm ID Columns	1/16" x 0.4 mm	TL-085	TL-85604	09920104	072663	\$55.00
For 0.32 mm ID Columns	1/16" x 0.5 mm	TL-085	TL-85605	09920105	072654	\$55.00
For 0.45 mm - 0.53 mm ID Columns	1/16" x 0.8 mm	TL-085	TL-85608	09920107	072655	\$55.00
For 1/8" 0.22 - 0.25 mm ID Columns	1/8" x 0.4 mm	TL-085	TL-85804		0726703	\$55.00
For 1/8" 0.32 mm ID Columns	1/8" x 0.5 mm	TL-085	TL-85805		0726702	\$55.00
For 1/8" OD Packed Columns	1/8" x 1/8"	TL-085	TL-85800	N9302081	072669	\$55.00
For 1/4" OD Packed Columns	1/4" x 1/4"	TL-085	TL-85400	09903739	072667	\$55.00
1/16" Two Hole 0.5 mm Each	1/16" x (2) 0.5 mm	TL-085	TL-85625	N9306000	072664	\$65.00
1/16" Two Hole 0.4 mm Each	1/16" x (2) 0.4 mm	TL-085	TL-85624	N492392	072662	\$65.00
1/8" Two Hole 0.8 mm Each	1/8" x (2) 0.8 mm	TL-085	TL-85828	N9306097		\$65.00
<b>(100% Graphite Ferrules)</b>						
For 1/16" OD Tube	1/16" x 1/16"	GRAPHITE	PE-11600	02450972	072623	\$35.00
For 0.10 - 0.32 mm ID Columns	1/16" x 0.5 mm	GRAPHITE	PE-11605	09903700	072627	\$35.00
For 0.45 - 0.53 mm ID Columns	1/16" x 0.8 mm	GRAPHITE	PE-11608	09920141	072626	\$35.00
For 1/8" Packed Columns	1/18" x 1/8"	GRAPHITE	PE-18000	09903915	072622	\$35.00
For 0.1 - 0.32 mm ID Columns	1/8" x 0.5 mm	GRAPHITE	PE-18005	09903981	072624	\$35.00
For 0.53 mm ID Columns	1/18" x 1.0 mm	GRAPHITE	PE-18010	09903394	072680	\$35.00
For 1/4" Packed Columns	1/14" x 1/4"	GRAPHITE	11-14600	09920140	072621	\$35.00

1/16" Two Hole 0.5 mm Each	1/16" x(2) 0.5 mm	GRAPHITE	11-1125H	N9306001		\$55.00
<b>(100% TL-Polyimide)</b>						
For 1/4" Packed COLUMNS	1/4" x 1/4"	TL-100	TL-10400	N9301361		\$55.00
For 1/8" Packed COLUMNS	1/8" x 1/8"	TL-100	TL-10800	N9301360		\$55.00
<b><u>For Shimadzu Instruments</u></b>						
<b>(100% Graphite Ferrules)</b>						
For 0.25 - 0.32 mm ID Column	1/16" x 0.5 mm SS	GRAPHITE/SS	11-SHSS5	0726080		\$55.00
For 0.53 mm ID COLUMNS	1/16" x 0.8 mm SS	GRAPHITE/SS	11-SHSS8	0726082		\$55.00
For 5 mm Packed COLUMNS	5 mm ID	GRAPHITE	11-SH050	0726001		\$35.00
For 0.10 - 0.32 mm ID Column	16" x 0.5 mm	GRAPHITE	11-SHGF5	072635		\$35.00
For 0.45 - 0.53 mm ID Column	16" x 0.8 mm	GRAPHITE	11-SHGF8	072636		\$35.00
<b><u>For Thermo Instruments</u></b>						
<b>(15% Graphite / 85% TL-Polyimide)</b>						
For 0.10 - 0.25 mm ID COLUMNS	1/16" x 0.4 mm HP Short	TL-085	TL-85694		3109	\$55.00
For 0.32 mm ID COLUMNS	1/16" x 0.5 mm HP Short	TL-085	TL-85695		07311	\$55.00
For 0.45 - 0.53 mm ID COLUMNS	1/16" x 0.8 mm HP Short	TL-085	TL-85642		073113	\$55.00
1/8" OD Packed COLUMNS	1/8" x 1/8"	TL-085	TL-85800		072669	\$55.00
1/4" OD Packed COLUMNS	1/4" x 1/4"	TL-085	TL-85400		072667	\$55.00
<b>(100% Graphite)</b>						
For 0.10 - 0.32 mm ID COLUMNS	1/6" x 0.5 mm	Graphite	11-11605	(Thermo No.)290GA139	072635	\$35.00
For 0.45 - 0.53 mm ID COLUMNS	1/16" x 0.8 mm	Graphite	11-11608	(Thermo No.)290GA139	072636	\$35.00
For 1/8" OD Packed COLUMNS	1/18" x 1/8"	GRAPHITE	11-18000		072602	\$35.00
For 1/4" OD Packed COLUMNS	1/4" x 1/4"	GRAPHITE	11-14000		072601	\$35.00

Note: Professional Plastics utilizes proprietary polyimide resin in the production of our polyimide ferrules. Professional Plastics offers our high-quality polyimide ferrules as economical replacement parts in the HPLC, GC and GC/MS markets. Professional Plastics does not represent Perkin Elmer, Shimadzu or Thermo Instruments. Products are offered for specification and replacement purposes only.

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