

**SERIES 77
ENVIRONMENTAL
SHRINK BOOTS**



Glenair Environmental Shrink Boots Now TACOM Approved, In-Stock and Ready for Immediate Shipment

High-performance Series 77 "Full Nelson" environmental shrink boots manufactured by Glenair in Glendale, California are now approved by the US Army Tank-Automotive Command (TACOM). Manufactured from high-temperature crosslinked elastomeric polymer material and/or caustic chemical-resistant Viton polymer, Glenair straight and right angle long-tail shrink boots, Y and T transitions, convoluted strain-relief boots and heat-shrinkable adapter shims have been added to the following source control documentation:

Glenair Series 77 "Full Nelson" TACOM APPROVED Shrink Boots

Description	Military Part Number	Glenair Part Number	Raychem Part Number	Hellermann Part Number	Description	Military Part Number	Glenair Part Number	Raychem Part Number	Hellermann Part Number
Heat Shrinkable Low Profile 3-Entry "Y" Transition	12273148-1**	770-009Y*05	381A301-**	492H412-*	Heat Shrinkable Straight Lipped 2-Entry Long Tail Boot	12273147-1**	770-020S*02	202F211-**	313F322-*
	12273148-2**	770-009Y*06	381A302-**	492H413-*		12273147-2**	770-020S*03	202F221-**	313F332-*
	12273148-3**	770-009Y*07-01	381A303-*01	492H414-*01		12273147-3**	770-020S*04	202F232-**	313F343-*
	12273148-4**	770-009Y*08-01	381A304-*01	492H415-*01		12273147-4**	770-020S*05	202F242-**	313F353-*
	12273148-5**	770-009Y*07	381A303-**	—		12273147-5**	770-020S*06	202F253-**	313F364-*
Heat Shrinkable Low Profile 3-Entry "T" Transition	12273162-1**	770-012T*01	301A511-**	412H622-*	12273147-6**	770-020S*07	202F263-**	313F374-*	
	12273162-2**	770-012T*02	301A512-**	412H623-*	12273147-7**	770-020S*08	202F274-**	313F385-*	
	12273162-3**	770-012T*03	301A513-**	412H624-*	Heat Shrinkable 90° Lipped 2-Entry Long Tail Boot	12273176-1**	770-021A*02	222F211-**	333F322-*
	12273162-4**	770-012T*04	301A514-**	412H625-*		12273176-2**	770-021A*03	222F221-**	333F332-*
12273163-1**	770-014*09	462A421-**	573H532-*	12273176-3**		770-021A*04	222F232-**	333F343-*	
12273163-2**	770-014*10	462A422-**	573H533-*	12273176-4**		770-021A*05	222F242-**	333F353-*	
12273163-3**	770-014*11	462A423-**	573H534-*	12273176-5**		770-021A*06	222F253-**	333F364-*	
Heat Shrinkable Low Profile 4-Entry 3:1 Transition	12273163-4**	770-014*12	462A424-**	573H535-*	12273176-6**	770-021A*07	222F263-**	333F374-*	
	12273164-1**	770-019SB*01	202E334-**	313E445-*	12273176-7**	770-021A*08	222F274-**	333F385-*	
Heat Shrinkable Adapter Shim Boot	12273164-2**	770-019SB*02	202E344-**	313E455-*	Heat Shrinkable Convoluted Strain Relief 2-Entry Boot	12273242-1**	770-022C*01	202C611-**	313C722-9
	12273164-3**	770-019SB*03	202E336-**	313E447-*		12273242-2**	770-022C*02	202C621-**	313C732-9
	12273164-4**	770-019SB*04	202E346-**	313E457-*		12273242-3**	770-022C*03	202C632-**	313C743-9
	12273242-1**	770-022C*01	202C611-**	313C722-9		12273242-4**	770-022C*04	202C642-**	313C753-9
12273242-2**	770-022C*02	202C621-**	313C732-9	12273242-5**		770-022C*05	202C653-**	313C764-9	
12273242-3**	770-022C*03	202C632-**	313C743-9	12273242-6**		—	202G621-**	—	
12273242-4**	770-022C*04	202C642-**	313C753-9	12273242-7**		—	202G632-**	—	
12273242-5**	770-022C*05	202C653-**	313C764-9	12273242-8**		—	202C642-**	—	
12273242-6**	—	—	—	12273242-9**		—	202C653-**	—	
12273242-7**	—	—	—						
12273242-8**	—	—	—						
12273242-9**	—	—	—						

VG QUALIFIED SHRINK BOOTS AND ADHESIVES



VG Standards are established by the Deutsches Institut für Normung (DIN) and are widely used in European defense programs. Glenair Type 2 shrink boots are qualified to VG95343 Part 28, and our adhesives are qualified to VG95343 Part 18. Consult Glenair UK for price and delivery.

**SERIES 77
TACOM-Approved Environmental Shrink Boots**

Expanded Cross-Reference: TACOM-to-Glenair Shrink Boot Part Numbers					
TACOM #	GLENAIR #	TACOM #	GLENAIR #	TACOM #	GLENAIR #
12273147-120	770-020S602	12273162-110	770-012T601	12273176-120	770-021A602
12273147-220	770-020S603	12273162-210	770-012T602	12273176-220	770-021A603
12273147-320	770-020S604	12273162-310	770-012T603	12273176-320	770-021A604
12273147-420	770-020S605	12273162-410	770-012T604	12273176-420	770-021A605
12273147-520	770-020S606	12273162-120	770-012T501	12273176-520	770-021A606
12273147-620	770-020S607	12273162-220	770-012T502	12273176-620	770-021A607
12273147-720	770-020S608	12273162-320	770-012T503	12273176-720	770-021A608
12273147-130	770-020S502	12273162-420	770-012T504	12273176-130	770-021A502
12273147-230	770-020S503	12273163-110	770-014609	12273176-230	770-021A503
12273147-330	770-020S504	12273163-310	770-014611	12273176-330	770-021A504
12273147-430	770-020S505	12273163-410	770-014612	12273176-430	770-021A505
12273147-530	770-020S506	12273163-120	770-014509	12273176-530	770-021A506
12273147-630	770-020S507	12273163-220	770-014510	12273176-630	770-021A507
12273147-730	770-020S508	12273163-320	770-014511	12273176-730	770-021A508
12273148-110	770-009Y605	12273163-420	770-014512	12273242-110	770-022C601
12273148-210	770-009Y606	12273164-110	770-019SB601	12273242-210	770-022C602
12273148-310	770-009Y607-01	12273164-210	770-019SB602	12273242-310	770-022C603
12273148-410	770-009Y608-01	12273164-310	770-019SB603	12273242-410	770-022C604
12273148-510	770-009Y607	12273164-410	770-019SB604	12273242-510	770-022C605
12273148-120	770-009Y505	12273164-120	770-019SB501	12273242-120	770-022C501
12273148-220	770-009Y506	12273164-220	770-019SB502	12273242-220	770-022C502
12273148-320	770-009Y507-01	12273164-320	770-019SB503	12273242-320	770-022C503
12273148-420	770-009Y508-01	12273164-420	770-019SB504	12273242-320	770-022C503
12273148-520	770-009Y507			12273242-420	770-022C504
				12273242-520	770-022C505

TACOM Approved Shrink Boot Material Properties

Property	Viton® Fluoroelastomer Blend (SPEC-01417-SC-X15111)	High Performance Elastomer Blend (SPEC-01417-SC-X15112)
Flexibility	Flexible	Flexible
Operating Temperature Range	-55°C to +150°C	-55°C to +135°C
Shrink Temperature (min.)	135°C	135°C
Tensile Strength (psi)	2200	1500
Elongation (% min.)	400	300
Heat Shock	4 hrs, 225°C	4 hrs, 220°C
Heat Aging	168 hrs, 150°C	168 hrs, 150°C
Dielectric Strength (V/mil)	200	200
Volume Resistivity (ohms-cm)	10 ¹⁰	10 ¹⁰
Water Absorption (%)	0.5	0.5
Flammability	Burn Time <120 sec Burn Length <25mm	Burn Time <120 sec Burn Length <25mm
RoHS Compliant	Yes	Yes

Approval:
Project Manager, Heavy Brigade Combat Team (PM-HBCT),
US Army Tank-Automotive Command (TACOM)



For more information contact Glenair at **818-247-6000** or visit our website at **www.glenair.com**
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