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
Heat Shrinkable Low Profile 3-Entry "Y" Transition	12273148-1**	770-009Y*05	381A301-**	492H412-*
	12273148-2**	770-009Y*06	381A302-**	492H413-*
	12273148-3**	770-009Y*07-01	381A303-*01	492H414-*01
	12273148-4**	770-009Y*08-01	381A304-*01	492H415-*01
	12273148-5**	770-009Y*07	381A303-**	—
Heat Shrinkable Low Profile 3-Entry "T" Transition	12273162-1**	770-012T*01	301A511-**	412H622-*
	12273162-2**	770-012T*02	301A512-**	412H623-*
	12273162-3**	770-012T*03	301A513-**	412H624-*
	12273162-4**	770-012T*04	301A514-**	412H625-*
Heat Shrinkable Low Profile 4-Entry 3:1 Transition	12273163-1**	770-014*09	462A421-**	573H532-*
	12273163-2**	770-014*10	462A422-**	573H533-*
	12273163-3**	770-014*11	462A423-**	573H534-*
	12273163-4**	770-014*12	462A424-**	573H535-*
Heat Shrinkable Adapter Shim Boot	12273164-1**	770-019SB*01	202E334-**	313E445-*
	12273164-2**	770-019SB*02	202E344-**	313E455-*
	12273164-3**	770-019SB*03	202E336-**	313E447-*
	12273164-4**	770-019SB*04	202E346-**	313E457-*
Heat Shrinkable Convoluted Strain Relief 2-Entry Boot	12273242-1**	770-022C*01	202C611-**	313C722-9
	12273242-2**	770-022C*02	202C621-**	313C732-9
	12273242-3**	770-022C*03	202C632-**	313C743-9
	12273242-4**	770-022C*04	202C642-**	313C753-9
	12273242-5**	770-022C*05	202C653-**	313C764-9
	12273242-6**	—	202G621-**	—
	12273242-7**	—	202G632-**	—
	12273242-8**	—	202C642-**	—
	12273242-9**	—	202C653-**	—

Description	Military Part Number	Glenair Part Number	Raychem Part Number	Hellermann Part Number
Heat Shrinkable Straight Lipped 2-Entry Long Tail Boot	12273147-1**	770-020S*02	202F211-**	313F322-*
	12273147-2**	770-020S*03	202F221-**	313F332-*
	12273147-3**	770-020S*04	202F232-**	313F343-*
	12273147-4**	770-020S*05	202F242-**	313F353-*
	12273147-5**	770-020S*06	202F253-**	313F364-*
	12273147-6**	770-020S*07	202F263-**	313F374-*
	12273147-7**	770-020S*08	202F274-**	313F385-*
Heat Shrinkable 90° Lipped 2-Entry Long Tail Boot	12273176-1**	770-021A*02	222F211-**	333F322-*
	12273176-2**	770-021A*03	222F221-**	333F332-*
	12273176-3**	770-021A*04	222F232-**	333F343-*
	12273176-4**	770-021A*05	222F242-**	333F353-*
	12273176-5**	770-021A*06	222F253-**	333F364-*
	12273176-6**	770-021A*07	222F263-**	333F374-*
	12273176-7**	770-021A*08	222F274-**	333F385-*

Glenair®

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

SERIES 77 ENVIRONMENTAL SHRINK BOOTS

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

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

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

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