



Angled T-Shapes, VG style 1302-1-G

Helashrink 1300 Series, 30° & 45° angle, Article number:
413-02180



Features

- Branching part 45 Y-joint
- Mechanical tension relief for cable harnesses

Certifications & Approvals



Application

Heat Shrinkable moulded shapes for use in Electrical and Electronic Cable Harness Applications

Helashrink 1300 Series, 30° & 45° angle is suitable for following markets and industries



Rail Transportation Sector



Electronics Industry



Aerospace Industry



Shipbuilding



Defence Industry

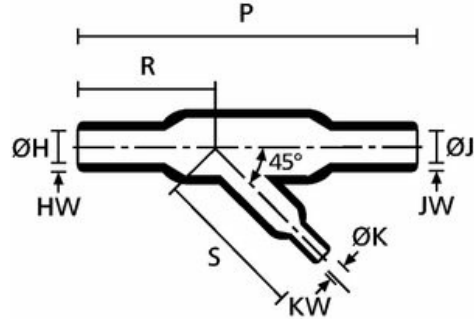
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Base Data

Application Tool	H5002, H5004, E4500
Colour	Black (BK)
Description Short (BMEcat) (max. 150 characters)	Angled T-Shape VG-Style black, PO-X
GLOBAL PART DESCRIPTION	1302-1-G-PO-X-BK
Pack Cont.	1 pc.
Package Quantity per	pcs.
Product Family	Helashrink 1300 Series, 30° & 45° angle
Product Group	Angled T-Shapes, VG style
Variant	For 2-core cables

Product Dimensions



Angle	45 °
Flexibility	semi rigid
HW ± 20 %	2.5 mm
HW ± 30 %	2.5 mm
JW ± 20 %	2.5 mm
JW ± 30 %	2.5 mm
KW ± 20 %	1.0 mm
P ± 10 %	92.0 mm
R nom.	41.0 mm
R ± 10 %	41.0 mm
S nom.	36.0 mm
S ± 10 %	36.0 mm
ØH max. b	13.0 mm
ØH min. a	27.0 mm
ØJ max. b	13.0 mm
ØJ min. a	27.0 mm
ØK max. b	3.5 mm
ØK min. a	7.0 mm

Material and Specifications



Designation as per VG-Norm	VG 95343 T08 B 004 A
Dielectric Strength	14 kV/mm according to ASTM D2671
ELV compliant (Article 4 - 2)	YES
Flammability	ASTM D635
Hazardous good	No
Material	Polyolefin, cross-linked (PO-X)
Min. Shrink Temperature - °C	+135 °C
Operating Temperature - °C	-75 °C to +150 °C
Specifications	  
Specifications	VG 95343-8:2016-03

Logistics and Packaging



More Information



Further information to 1302-1-G



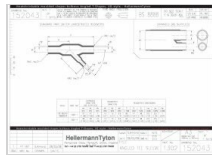
Catalogue page
(December 2017)

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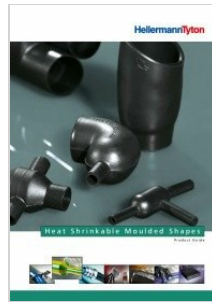
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Technical drawing
152043_1_1

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Moulded Shapes
Brochure 2016

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Competences



Heat shrink tubing

You are looking for the heat shrink tubing meeting your application requirements best? The key factors to which we owe our success are the unique and quite specific properties of our heat shrink tubing.

[Heat Shrink Tubing >](#)

Accessories



H5002
391-50200
Electrical Hot Air Tool



H5004
391-50400
Electrical Hot Air Tool



E4500
391-90002
Gas powered Hot Air
Tool

Similar products



1301-1-B7
413-01001
Angled T-Shapes, VG
style



1301-1-B7W8
413-01002
Angled T-Shapes, VG
style



1301-1-B7WM250
413-01004
Angled T-Shapes, VG
style



1301-1-B7W8
413-01026
Angled T-Shapes, VG
style



1301-1-G
413-01180
Angled T-Shapes, VG
style



1301-1-GW24
413-01006
Angled T-Shapes, VG
style

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Insulation
Cable Protection Systems
Electrical Installation
Identification Systems
Application Tooling
Connectivity

Competences

Cable Ties
Heat Shrink Tubing
Industrial Identification
and Self-Adhesive Labels
Cable Protection
Conduits
Electrical Installation
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Cable rods
Downlight covers
Cable jointing
Gel-filled cable joints
Cable Tie Guns
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