

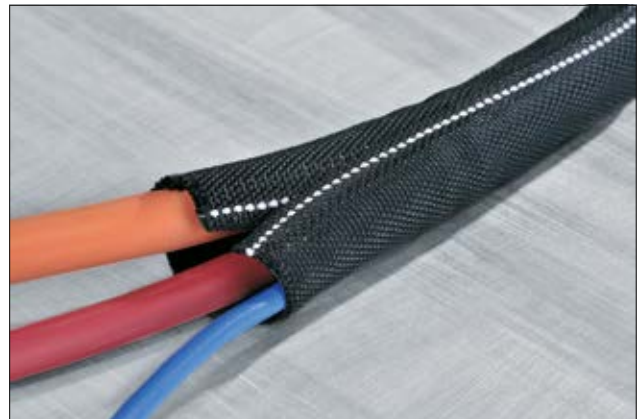
### Self-closing, flame-retardant polyester sleeving

#### Helagaine Twist-In-FR

Helagaine Twist-In-FR is used wherever fire protection is essential, such as in the railway, aerospace and shipbuilding industries.

#### Features and benefits

- Self-closing sleeve made from polyester
- Optimal fire protection
- Easy and quick installation and removal
- Ideal for retro-fitting
- Allows access to bundle for assembly, inspection and maintenance



Helagaine Twist-In-FR is used wherever fire safety is important.



Application video:  
Twist-In

<b>MATERIAL</b>	Polyester (PET)
<b>Operating Temperature</b>	-50 °C to +125 °C
<b>Melting Point</b>	+240 °C
<b>Flammability</b>	FMVSS 302, self-extinguishing



TYPE	Bundle Ø min.	Bundle Ø max.	Colour	Reel Length	Tools	Article-No.
<b>Twist-In-FR 05</b>	4	5	Black with White Identification Yarn (BKIDWH)	150 m	45	170-01100
<b>Twist-In-FR 08</b>	5	8	Black with White Identification Yarn (BKIDWH)	100 m	45	170-01101
<b>Twist-In-FR 13</b>	10	13	Black with White Identification Yarn (BKIDWH)	50 m	45	170-01102
<b>Twist-In-FR 19</b>	16	19	Black with White Identification Yarn (BKIDWH)	25 m	45	170-01104
<b>Twist-In-FR 25</b>	19	25	Black with White Identification Yarn (BKIDWH)	25 m	45	170-01105
<b>Twist-In-FR 29</b>	25	29	Black with White Identification Yarn (BKIDWH)	15 m	45	170-01106
<b>Twist-In-FR 32</b>	29	32	Black with White Identification Yarn (BKIDWH)	15 m	45	170-01107
<b>Twist-In-FR 38</b>	32	38	Black with White Identification Yarn (BKIDWH)	15 m	45	170-01108
<b>Twist-In-FR 50</b>	38	50	Black with White Identification Yarn (BKIDWH)	15 m	45	170-01109

All dimensions in mm. Subject to technical changes.  
Minimum Order Quantity (MOQ) may differ from package content.

Recommended Tools	
	45 HSG0
	572

For more information on toolings please refer to the Application Tooling chapter.



For product specific approvals and specifications please refer to the Appendix.