

TECHNICAL DATA SHEET

Harnessflex Fast-Fit

Type A straight fitting

Harnessflex
SPECIALIST CONDUIT SYSTEMS



Harnessflex Fast-Fit Type A straight fitting, provides maximum cable protection to the highest possible IP rating when used with Harnessflex NC conduit

Certifications / Standards:

(Refer to tables for certifications details)



Intertek

Features & benefits:

- One piece design with integrated conduit and thread sealing
- Provides continuation of cable protection between conduit and cable entry points
- High level of mechanical protection and highest degree of ingress protection against solids and liquids
- Secure conduit clip design
- External male thread for insertion into metric threaded entries or knockout holes
- Locknut included
- Conduit and thread size indicators

Applications:

- Construction vehicles
- Agricultural machinery
- Trucks
- Heavy duty and special purpose vehicles

Suitable for conduit type :

- Harnessflex NC

Material:

- Polyamide (Nylon) 66 - Body, TPE seal

UV Resistance:

- Very high

Temperature range:

- Static short term: -50°C to +120°C
- Static long term: -50°C to +105°C
- Dynamic short term: -45°C to +120°C
- Dynamic long term: -45°C to +108°C

Ingress protection:

- IP66 - as standard
- IP67 - as standard
- IP68 - as standard (2 Bar 30 mins)
- IP69K - as standard

Fire performance:

- Self extinguishing
- Low smoke toxicity
- Halogen free

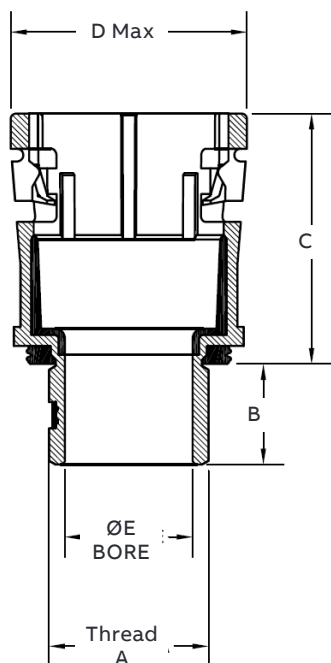
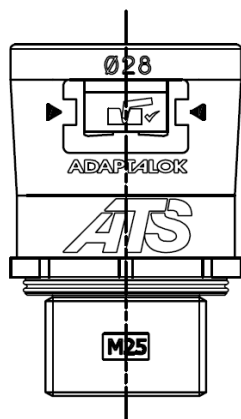
Conforms to:

- CE marked to Low Voltage Directive 2014/35/EU
- BSI Kitemark KM35161 to BS EN 61386
- CEI 11170 LR3 / LR4
- UL1696 Approved

Chemical resistance:

- View our chemical resistance guide [here](#).

Fast-Fit Type A fitting – Part Numbers and Dimensions



Part No. Black body (metric)	Metric thread A	Nominal dimensions (mm)			
		B	C	D	E
HTS12/M16/A	M16 x 1.5	11.8	34.2	21.2	11.2
HTS16/M16/A	M16 x 1.5	11.8	36.0	23.2	11.2
HTS16/M20/A	M20 x 1.5	11.8	36.0	23.2	15.2
HTS20/M20/A	M20 x 1.5	11.8	39.5	30.2	15.2
HTS28/M25/A	M25 x 1.5	15.8	39.5	37.2	20.0
HTS32/M32/A	M32 x 1.5	15.8	41.0	44.2	26.7
HTS40/M40/A	M40 x 1.5	15.8	50.8	54.2	34.0
HTS50/M50/A	M50 x 1.5	15.8	56.3	65.0	44.0

Thermal properties

Test type	Standard	Requirement	Value
Minimum temperature	-	Permanent static use	-40°C
Minimum temperature	BS EN 61386-23	Dynamic Use (5000 cycles)	-45°C
Maximum temperature	-	Permanent static use	105°C
Maximum temperature	BS EN 61386-23	Dynamic Use (5000 cycles)	120°C
Static short term use	-	Temporary use (3000 hours)	-40 to 120°C

Flammability

Test type	Standard	Requirement	Result	Value
Glow wire	BS EN 60695-2-11	Extinguish within 30s	850°C	°C
Flammability	IEC 61386-1-12	1Kw Burner Flame to Self Extinguish	Pass	
Oxygen Index - Nylon body	ISO 4589-2		21.1	%
Oxygen Index - Elastomer seal	ISO 4589-2		20.2	%
Ignition Rating - Nylon Body	NF F16-101	I Rating	I4	
Ignition Rating - Elastomer Seal	NF F16-101	I Rating	I4	

Smoke

Test type	Standard	Requirement	Result	Unit
Fume Rating - Nylon Body	NF F16-101	F Rating	F2	
Fume Rating - Elastomer Seal	NF F16-101	F Rating	F2	

Toxicity

Test type	Standard	Requirement	Result	Value
Halogen Free	NFX 70-100	<0.5%	Pass	

Pre-test conditions

Duration	Standard	Temperature	Relative humidity
168 (hrs)	BS EN 61386-1	23°C	50%