USHA PLASTIFLEX

Product Range Catalogue

Committed towards

"QUALITY"

www.ushaplastiflex.com

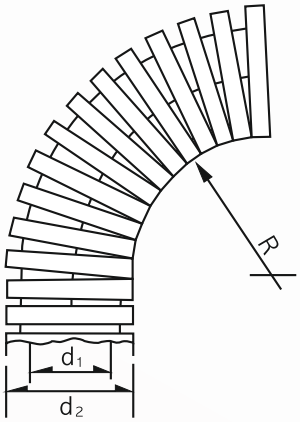
Flexible Conduit - Polyamide
Closed/Slitted

Flexible Conduit - Polyamide

Standard weight polyamide corrugated flexible conduit for industrial applications, including machine building, plant construction control panels, public buildings.

Features and benefits

- Very flexible and high fatigue
- Very abrasion resistant
- High impact strength, recovers if crushed
- Highly resistant to solvents and oils
- Free of halogen, sulphur and phosphorus
- Low smoke and low toxicity
- Colour: Black (UV resistant) others available on request



Technical Details:	
Material	**Polyamide 6**
Flexural Strength	**700 kg / cm²**
Flexural Modulus	**18,000 kg / cm²**
Tensile Strength	**520 kg / cm²**
Impact Strength	**85 Kg / cm²**
Temperature Range	**-40° C to +105° C Continuous (+120° C Short Term)**
Resistant	**Alcohol, Benzol, Greases, Mineral Oil, Diesel Fuel, Sea Water, Petrol, etc.**
Protection Class	**IP 68 (With Conduit Glands)**
Approvals	CE RoHS 2

Cat. No. Black	Cat. No. Black Slitted	Inner Diameter d1 (mm)	Outer Diameter d2 (mm)	Bending Radius R (mm) ±10%	Standard Pack (meters)
UF-PA-07B	UF-PA-07BS	6.4	10.0	15	100
UF-PA-09B	UF-PA-09BS	9.6	13.0	20	100
UF-PA-11B	UF-PA-11BS	11.8	15.8	30	100
UF-PA-13.5B	UF-PA-13.5BS	13.5	18.5	40	100
UF-PA-15.8B	UF-PA-15.8BS	15.9	21.2	40	50
UF-PA-21B	UF-PA-21BS	21.7	28.5	45	50
UF-PA-29B	UF-PA-29BS	27.8	34.5	55	50
UF-PA-36B	UF-PA-36BS	36.0	42.5	60	25
UF-PA-48B	UF-PA-48BS	46.5	54.5	70	25

All dimensions in mm. Subject to technical changes.
Other colours available on request. Other reel lengths available on request. Minimum Order Quantity (MOQ) may differ from package content.

Flexible Conduit - Polyamide Fire Retardant

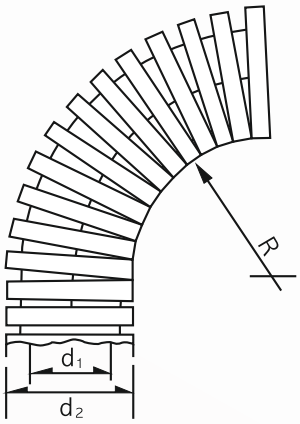
Closed/Slitted

Flexible Conduit - Polyamide Fire Retardant

Standard weight polyamide corrugated flexible conduit made of fire retardant material for transport and heavy industrial applications automobile, railway coaches, marine including machine building plant construction, control panels.

Features and benefits

- FR Rating: Ul94 V0 (UL94V1 & UL94V2 available on request)
- Very flexible and high fatigue
- Very abrasion resistant
- High impact strength, recovers if crushed
- Highly resistant to solvents and oils
- Free of halogen, sulphur and phosphorus
- Low smoke and low toxicity
- Colour: Black (UV resistant) others available on request



Technical Details:	
Material	**Polyamide 6**
Flexural Strength	**920 kg / cm²**
Flexural Modulus	**24,000 kg / cm²**
Tensile Strength	**6000 kg / cm²**
Impact Strength	**27 Kg / cm²**
Temperature Range	**-40° C to +105° C Continuous (+120° C Short Term)**
Resistant	**Alcohol, Benzol, Greases, Mineral Oil, Diesel Fuel, Sea Water, Petrol, etc.**
Protection Class	**Fire : UL94V0** **IP 68 (With Conduit Glands)**
Approvals	CE RoHS 2

Cat. No. Black	Cat. No. Black Slitted	Inner Diameter d1 (mm)	Outer Diameter d2 (mm)	Bending Radius R (mm) ±10%	Standard Pack (meters)
UF-PAF-07B	UF-PAF-07BS	6.4	10.0	15	100
UF-PAF-09B	UF-PAF-09BS	9.6	13.0	20	100
UF-PAF-11B	UF-PAF-11BS	11.8	15.8	30	100
UF-PAF-13.5B	UF-PAF-13.5BS	13.5	18.5	40	100
UF-PAF-15.8B	UF-PAF-15.8BS	15.9	21.2	40	50
UF-PAF-21B	UF-PAF-21BS	21.7	28.5	45	50
UF-PAF-29B	UF-PAF-29BS	27.8	34.5	55	50
UF-PAF-36B	UF-PAF-36BS	36.0	42.5	60	25
UF-PAF-48B	UF-PAF-48BS	46.5	54.5	70	25

All dimensions in mm. Subject to technical changes.

Other colours available on request. Other reel lengths available on request. Minimum Order Quantity (MOQ) may differ from package content.

Flexible Conduit - Polyethylene

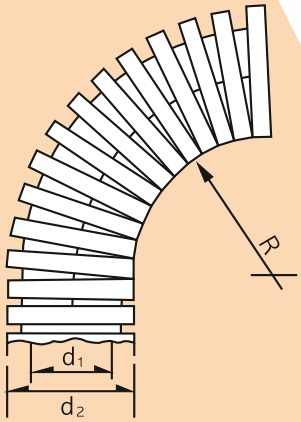
Closed/Slitted

Flexible Conduit - Polyethylene

Polyethylene corrugated flexible conduit for industrial applications including machine building, plant construction, control panels, public buildings.

Features and benefits

- Excellent flexibility
- Less wear
- Good crush resistance
- Highly resistant to solvents and oils
- Free of halogen, sulphur and phosphorus
- Colour: Black (UV resistant) others available on request



Technical Details:	
Material	**Polyethylene (PE)**
Flexural Strength	**500 kg / cm²**
Flexural Modulus	**14,200 kg / cm²**
Tensile Strength	**350 kg / cm²**
Impact Strength	**65 Kg / cm²**
Temperature Range	**-15° C to +60° C Continuous (+80° C Short Term)**
Resistant	**Sea Water, Ammonia, Acid**
Protection Class	**IP 68 (With Conduit Glands)**
Approvals	CE RoHS 2

Cat. No. Black	Cat. No. Black Slitted	Inner Diameter d1 (mm)	Outer Diameter d2 (mm)	Bending Radius R (mm) ±10%	Standard Pack (meters)
UF-PE-07B	UF-PE-07BS	6.4	10.0	15	100
UF-PE-09B	UF-PE-09BS	9.6	13.0	20	100
UF-PE-11B	UF-PE-11BS	11.8	15.8	30	100
UF-PE-13.5B	UF-PE-13.5BS	13.5	18.5	40	100
UF-PE-15.8B	UF-PE-15.8BS	15.9	21.2	40	50
UF-PE-21B	UF-PE-21BS	21.7	28.5	45	50
UF-PE-29B	UF-PE-29BS	27.8	34.5	55	50
UF-PE-36B	UF-PE-36BS	36.0	42.5	60	25
UF-PE-48B	UF-PE-48BS	46.5	54.5	70	25

All dimensions in mm. Subject to technical changes.
Other colours available on request. Other reel lengths available on request. Minimum Order Quantity (MOQ) may differ from package content.

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MAKE IN INDIA

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