

» Details of CPSFLEX

- Anyone is able to cut the flexible tube with a cutter easily.
Users can save time for installation.



- CPS products have various ranges of flame retardant grade from UL94-HB to Vo.



- RoHS Directive 2002/95/EC

Raw materials for CPSFLEX are toxic-free, and have passed the test by designated test institute. In addition, CPS products have been produced according to the directive that Europe regulates.

- PAH Certificate of Reliability

The flexible conduit, PAH, was awarded the UL94 certification from Korean Agency after passing reliability test.

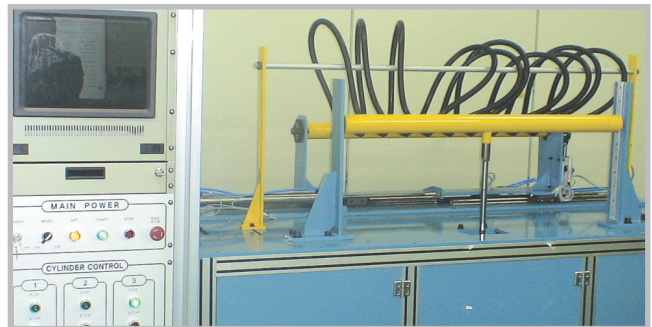
Flexibility : angular velocity 5,000 times under $\angle 40 \pm 5^\circ$

Tensile Strength : 250N / 30 \pm 3 second

Temperature : 4hours under $-7 \pm 2^\circ$ 4 hours under $55 \pm 2^\circ$

Flammibility : 10 second(UL94)

Durability : 4 million round trip

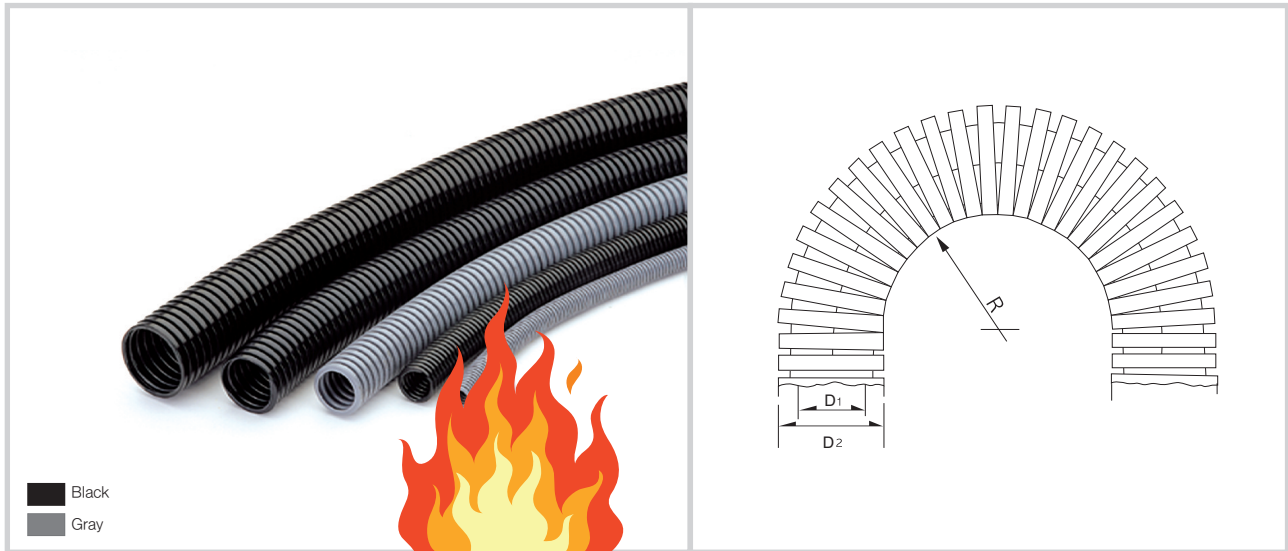


» Ordering

PAH-10B : 100M ▶ Black& Gray are main colors,
but it is available to produce light gray color according to customer's request.

Q'ty (m)
Color B : Black / G : Gray
U : U,V Resistant (Black only)
Size (07, 10, 12, 16, 22, 28, 36, 48, 56, 70, 95)
Type (CPS / PAH / RAH / POH / PES / PPS / CPSS / PESS / PPSS / PAM / PAR)

PAH



- Material : High Quality Polyamide 6
- Construction : Inside & Outside Corrugated Plastic Hose
- Degrees of Protection : IP 68 acc. EN 60529
- The max. Instantaneous Temperature : -40°C to +105°C
- Short Term : up to +150°C
- Self-Extinguishing : UL94-Vo, Halogen-Free
- Color : Black & Gray / Light gray (MOQ:100rolls)
- Connections : CPSFIX
- Application : Machine tool, Shipbuilding, Tramway Industrial, Automatic Machinery, Printing Machine, Rolling Stock, Railway, Subway etc.
- International Specification :

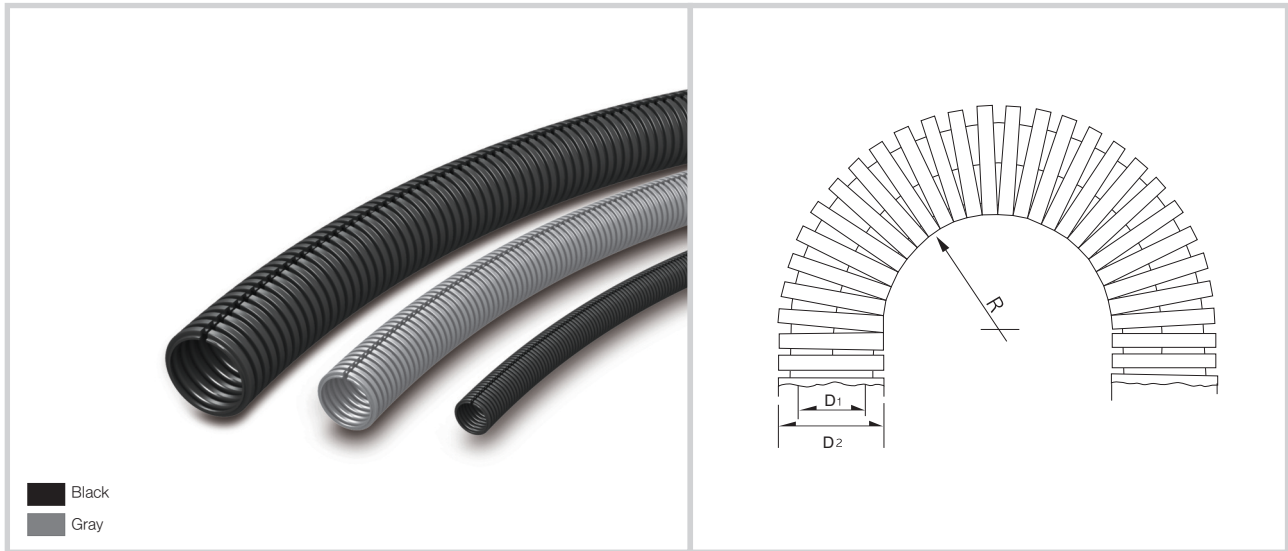
» Product size

Black	Gray	UV-R	Inner Diameter (D1)	Outer Diameter (D2)	Bending Radius(R) mm ± 10%	Packing meter / roll
PAH-07B	PAH-07G	PAH-07U	6.4	10.0	15	50/100
PAH-10B	PAH-10G	PAH-10U	9.6	13.0	20	50
PAH-12B	PAH-12G	PAH-12U	11.8	15.8	30	50
PAH-16B	PAH-16G	PAH-16U	15.9	21.2	40	50
PAH-22B	PAH-22G	PAH-22U	21.7	28.5	45	50
PAH-28B	PAH-28G	PAH-28U	27.8	34.5	55	50
PAH-36B	PAH-36G	PAH-36U	36.0	42.5	60	30
PAH-48B	PAH-48G	PAH-48U	46.5	54.5	70	30
PAH-56B	PAH-56G	PAH-56U	56.3	67.2	110	30
PAH-70B	PAH-70G	PAH-70U	70.0	82.5	160	10
PAH-95B	PAH-95G	PAH-95U	91.5	106.0	210	10

※ Available in Light Gray production.

(Dimensions in mm)

CPSS

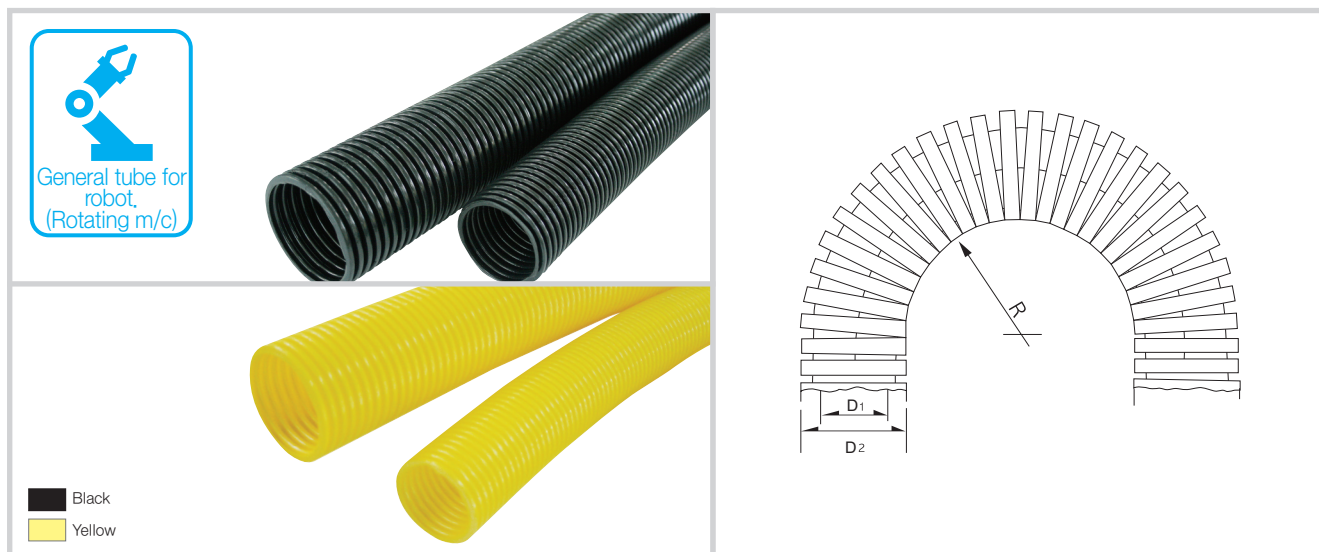


- Material : High Quality Polyamide 6
- Construction : Inside & Outside Corrugated Plastic Hose
- The max. Instantaneous Temperature : -40°C to +105°C
- Short Term : up to +130°C
- Self-Extinguishing : UL94-HB, Halogen-Free
- Color : Black & Gray, Light gray (MOQ:100rolls)
- Connections : CPSFIX
- Application : Machine tool, Shipbuilding, Tramway Industrial, Automatic Machinery Printing Machinery etc.

» Product size

Black	Gray	Inner Diameter (D1)	Outer Diameter (D2)	Bending Radius(R) mm ± 10%	Packing meter / roll
CPSS-07B	CPSS-07G	6.4	10.0	15	50/100
CPSS-10B	CPSS-10G	9.6	13.0	20	50
CPSS-12B	CPSS-12G	11.8	15.8	30	50
CPSS-16B	CPSS-16G	15.9	21.2	40	50
CPSS-22B	CPSS-22G	21.7	28.5	45	50
CPSS-28B	CPSS-28G	27.8	34.5	55	50
CPSS-36B	CPSS-36G	36.0	42.5	60	30
CPSS-48B	CPSS-48G	46.5	54.5	70	30
CPSS-56B	CPSS-56G	56.3	67.2	110	30
CPSS-70B	CPSS-70G	70.0	82.5	160	10
CPSS-95B	CPSS-95G	91.5	106.0	210	10

(Dimensions in mm)



- Material : High Quality Polyamide 12
- Construction : Inside & Outside Corrugated Plastic Hose
- Degrees of Protection : IP 68
- The max. Instantaneous Temperature : -50°C to +95°C
- Short Term : up to +150°C
- Self-Extinguishing : UL94-V2, Halogen-Free
- Color : Black & Yellow
- Connections : CPSFIX
- Application : Robots (Heandling robot, Rotating machinery)

» Product size

Black	Yellow	UV-R (Only black)	Inner Diameter (D1)	Outer Diameter (D2)	Bending Radius(R) mm ±10%	Packing meter / roll
PAR-07B	PAR-07Y	PAR-07U	6.4	10.0	15	50/100
PAR-10B	PAR-10Y	PAR-10U	9.6	13.0	20	50
PAR-12B	PAR-12Y	PAR-12U	11.8	15.8	30	50
PAR-16B	PAR-16Y	PAR-16U	15.9	21.2	40	50
PAR-22B	PAR-22Y	PAR-22U	21.7	28.5	45	50
PAR-28B	PAR-28Y	PAR-28U	27.8	34.5	55	50
PAR-36B	PAR-36Y	PAR-36U	36.0	42.5	60	30
PAR-48B	PAR-48Y	PAR-48U	46.5	54.5	70	30
PAR-56B	PAR-56Y	PAR-56U	56.3	67.2	110	30
PAR-70B	PAR-70Y	PAR-70U	70.0	82.5	160	10
PAR-95B	PAR-95Y	PAR-95U	91.5	106.0	210	10

(Dimensions in mm)