

# Heyco® Corrugated Conduit Systems

Chemical Resistance—Corrugated Nylon Nonmetallic Conduit and Fittings

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## TYPE HPAS

Nylon PA6  
corrugated,  
standard weight

x	ACETONE
x	BENZENE
x	CARBON TETRACHLORIDE
x	CITRIC ACID
x	DIESEL OIL
x	DIETHYLAMINE
x	ETHANOL
x	ETHER
x	ETHYLAMINE
x	ETHYLENE GLYCOL
x	FREON 32
x	LUBRICATING OIL
x	MEK
x	PARAFFIN OIL
x	PETROL
x	SEA WATER
x	SILVER NITRATE
x	SKYDROL
x	SODIUM CHLORIDE
x	SODIUM HYDROXIDE (10%)
x	SODIUM HYDROXIDE (60%)
x	TOLUENE
x	TRANSFORMER OIL
x	1,1,1-TRICHLOROETHANE
x	TURPENTINE
x	VEGETABLE OIL
x	WATER

### Design Characteristics

80N (18 lb)	for tubing ID less than 17 mm
156N (35 lb)	for tubing ID greater than 17 mm
-40 to 105°C	Temperature Range

x Provides limited resistance to this substance @ Data intended to indicate relative strength and will vary across different sizes. Figures shown for 21 mm nominal size.

## IP RATINGS GUIDE

(Ingress Protection to BS EN 60529)

### 1st digit—protection against solid objects

- 0 No protection
- 1 Protected against objects greater than 50 mm
- 2 Protected against objects greater than 12 mm
- 3 Protected against objects greater than 2.5 mm
- 4 Protected against objects greater than 1.0 mm
- 5 Ingress of dust is not totally prevented but dust does not enter in harmful quantities
- 6 No ingress of dust

### 2nd digit—protection against water

- 0 No protection
- 1 Protected against falling drops
- 2 Protected against drops falling at 15 degrees
- 3 Low pressure spray—similar to shower head at up to 60 degrees from vertical
- 4 Low pressure spray—similar to shower head—from any angle
- 5 Medium pressure jet—similar to garden hose—from any angle
- 6 High pressure jet—similar to fire hose—from any angle
- 7 Submersion at 1 meter for 30 minutes
- 8 Higher water pressure e.g.: 5 bar for 5 hours. Conduits are tested in-house at up to 10 bar.
- 9K Steam clean, high pressure high temp jet wash to DIN40050.