THERMOPLASTIC TUBING AND HOSES

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Polyamide tubing PA12 with self-extinguishing coating PA12 RIV V0 Series

- **SELF-EXTINGUISHING GRADE V0UL94**
- **PRESSURE FROM 12 TO 44BAR**
- **WORKING TEMPERATURE FROM - 40°C TO + 80°C**
- **DIN 73378 AND DIN 74324 STANDARDS**



PNEUMATICS
LOW PRESSURE
AIR
PAINTS
HYDRAULIC OIL
OIL/GREASE FOR LUBRICATION
OTHER OILS
WATER-BASED FLUIDS
WATER

TECHNICAL FEATURES

Metric

	ID	OD	COVER OD	1:3 WP	R MIN	g
Code	mm	mm	mm	bar	mm	g/m
TA42N40RIVV0	2.0	4.0	6.0	44	16	28.9
TA64N40RIVV0	4.0	6.0	8.0	28	30	43.0
TA86N40RIVV0	6.0	8.0	10.0	20	40	57.1
TA108N40RIVV0	8.0	10.0	12.0	16	60	71.2
TA1210N40RIVV0	10.0	12.0	14.0	12	85	85.4

TECHNICAL FEATURES

ZEC's PA12 RIV V0 thermoplastic tubing are suitable for pneumatic application where a self-extinguishing V0 Grade is required conforming to UL94 Standard.
ZEC's POLYAMIDE PA12 tubing guarantee excellent physical and mechanical properties, combined with a good chemical resistance.
These tubing meet or exceed DIN 73378 and DIN 74324 Standards.

The special self-extinguishing polymer sheath provides the required self-extinguishing V0 Grade conforming to UL94 Standard.
This sheath is easy to remove to allow the mounting of the fittings.

Working Temperature:
The working temperature *ZEC's PA12 RIV V0* tubing is in the range between **-40°C** and **+80°C.** For temperatures higher than room temperature (23°C) calculate the correct burst pressure using the correction factor determined through the table above.

ZEC's PA12 RIV V0 tubing are in compliance with REACH Regulation (2006/1907/EC) and RoHS 2 (2011/65/EU) European Directive.

CHANGE OF BURST PRESSURE CORRECTION FACTOR ACCORDING TO TEMPERATURE

-40..0°C	23°C	30°C	40°C	50°C	60°C	70°C	80°C
1	1	0,87	0,74	0,64	0,57	0,52	0,47

NORMATIVE

DIN 73378
DIN 74324

For any further information about the optional items, please contact the sales office ()