

HE

Tubes

HEA

Polyamide tubes PA10.12

HEC

Polyurethane tubes Sh. A98

HED

Co-polyurethane tubes Sh. 55D



TECHNICAL CHARACTERISTICS

HEA

Material: Polyamide tubes PA10.12

HEA tubes are produced with an innovative polymer (PA10.12), this material offers similar features as the PA11 and PA12.

Very good dimensional stability.

Very good chemical and mechanical resistances.

Large working temperature (from -60 °C to 130 °C).

Excellent hydrolysis resistance.

Good flexibility.

According to ISO 7628/2010.

HEC

Material: Polyurethane tubes Sh. A98

Excellent abrasion resistance.

Extreme flexibility even at low temperature (-40°C).

Good tear, cutting and perforation resistance.

Fair mechanical properties.

Excellent kinking behaviour leading to small bending radius.

Very good transparency.

Resistant to oil and grease.

HED

Material: Co-polyurethane tubes Sh. 55D

HED tubes are produced with an exclusive recipe of co-polyurethane which combines in one product the best properties of polyurethane and the ones of the Polyamide.

High flexibility.

Excellent bending radius.

Tighter tolerances.

Good hydrolysis resistance.

Good chemical resistance.

Excellent temperature resistance.

TECHNICAL CHARACTERISTICS

> HEA

Part No.	Ø ext.	Ø int.	Bending radius	Working pressure	Burst pressure	Temperature range	Tolerance Ø ext.	ISO7628
	mm	mm	mm	bar	bar	°C	mm	
HEA0420...	4	2	15	47	141	-60 ÷ 130	± 0,10	o
HEA0425...	4	2,5	20	32	96	-60 ÷ 130	± 0,10	
HEA0604...	6	4	35	28	84	-60 ÷ 130	± 0,10	o
HEA0806...	8	6	40	20	60	-60 ÷ 130	± 0,10	o
HEA1008...	10	8	60	16	48	-60 ÷ 130	± 0,10	o
HEA1210...	12	10	85	13	39	-60 ÷ 130	± 0,15	
HEA1412...	14	12	95	11	33	-60 ÷ 130	± 0,15	o

Colors: neutral, black, blue, sky-blue

> HEC

Part No.	Ø ext.	Ø int.	Bending radius	Working pressure	Burst pressure	Temperature range	Tolerance Ø ext.
	mm	mm	mm	bar	bar	°C	mm
HEC0420...	4	2	15	22	67	-40 ÷ 60	± 0,10
HEC0604...	6	4	20	13	40	-40 ÷ 60	± 0,10
HEC0806...	8	6	25	10	29	-40 ÷ 60	± 0,10
HEC1008...	10	8	35	7	22	-40 ÷ 60	± 0,15
HEC1209...	12	9	45	10	29	-40 ÷ 60	± 0,15

Colors: neutral, black, sky-blue

> HED

Part No.	Ø ext.	Ø int.	Bending radius	Working pressure	Burst pressure	Temperature range	Tolerance Ø ext.
	mm	mm	mm	bar	bar	°C	mm
HED0420...	4	2,5	10	22	65	-40 ÷ 100	± 0,10
HED0604...	6	4	15	19	57	-40 ÷ 100	± 0,10
HED0806...	8	6	25	16	47	-40 ÷ 100	± 0,10
HED1008...	10	8	35	12	36	-40 ÷ 100	± 0,10
HED1209...	12	9	45	13	40	-40 ÷ 100	± 0,15

Colors: neutral, black, blue, sky-blue

For color options, add the following suffixes to part no.:

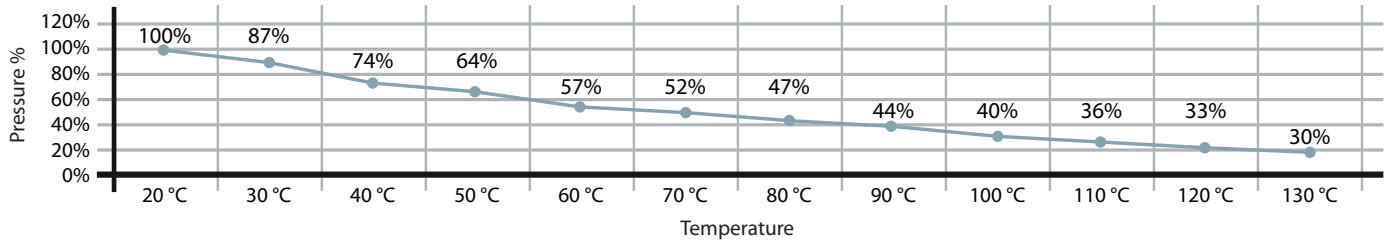
NEU = Neutral **NER** = Black **BLU** = Blue **AZZ** = Sky-blue (example HEA0420NEU)

5

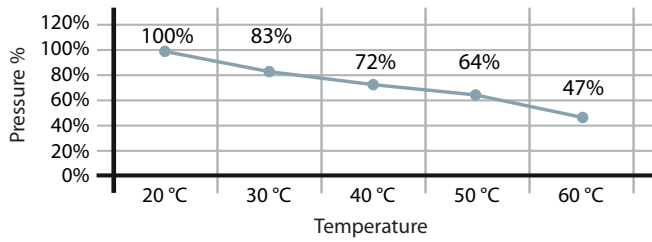
Min. package: 100 m coil

Pressure variation based on temperature

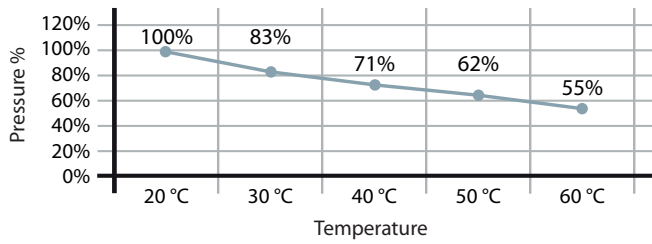
> HEA



> HEC



> HED



HF

Tubes

HFA Rilsan® Spiral tubes
Polyamide Spiral Tubes PA10.12

HFC Elastollan® Spiral tubes with straight ends
Polyurethane Spiral Tubes (Sh.A98) with ends parallelling the spiral axis



TECHNICAL CHARACTERISTICS

> HFA

Part No.	Tube			Spiral		
	Ø external	Ø internal	Linear	Rest	Max lenght	Ø internal
	mm	mm	mt	mm	mt	mm
HFA042010...	4	2	10	360	6	30
HFA042015...	4	2	15	550	9	30
HFA060415...	6	4	15	430	9	60
HFA060430...	6	4	30	870	17	60
HFA080615...	8	6	15	455	9	80
HFA080630...	8	6	30	910	17	80
HFA100815...	10	8	15	490	9	90
HFA100830...	10	8	30	990	17	90
HFA121015...*	12	10	15	430	9	120
HFA121030...*	12	10	30	870	17	120

Colors: neutral, blue, sky-blue, orange * = available only blue and orange

> HFC

Part No.	Tube			Spiral		
	Ø external	Ø internal	Linear	Rest	Max lenght	Ø internal
	mm	mm	mt	mm	mt	mm
HFC64C06...	6	4	6	380	4	25
HFC64C12...	6	4	12	760	8	25
HFC855C06...	8	5,5	6	310	4	40
HFC855C12...	8	5,5	12	640	8	40
HFC107C06...	10	7	6	330	4	50
HFC107C12...	10	7	12	680	8	50
HFC128C06...	12	8	6	320	4	60
HFC128C12...	12	8	12	660	8	60

Colors: neutral, sky-blue End length 150 mm

For color options, add the following suffixes to part no.:

NEU = Neutral **BLU** = Blue **AZZ** = Sky-blue **ARA** = Orange (example HFA042010NEU)

■ **HD28**
Tube cutter



Tube
HD280012 2÷12
HD280025 12÷25