

Spirals of the AIR BRAKE SCAR NPT Series

- CREATED FOR THE TRAILER BRAKING SYSTEM
- DIN 74323



AUTOMOTIVE



LOW PRESSURE



AIR

TECHNICAL FEATURES

Metric

			Min. Burst Pressure			De	LT1-LT2	N° TURNS
Code	mm	mm	bar	bar	Available Colours	mm	mm	
SCAR129*21NPT	12.0	9.0	60	20	B-R-G	100	150	21

R : Red

G : Yellow

B : Blue

Technical-constructive features:

Single wall extrusion made of 100% virgin polyamide.

Safety ratio 1:3

Working temperature:

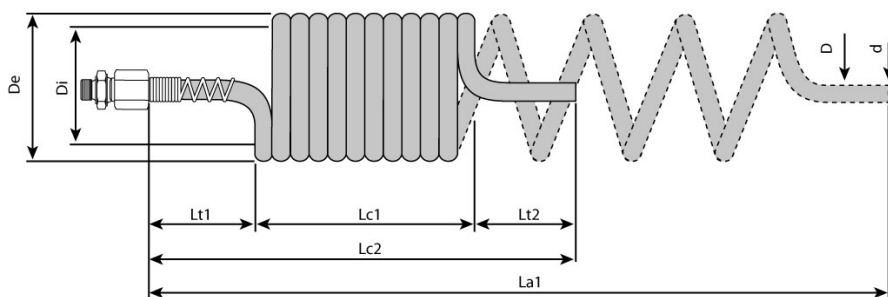
From -40°C to +80°C (From -40°F to +176°F)

Specifications:

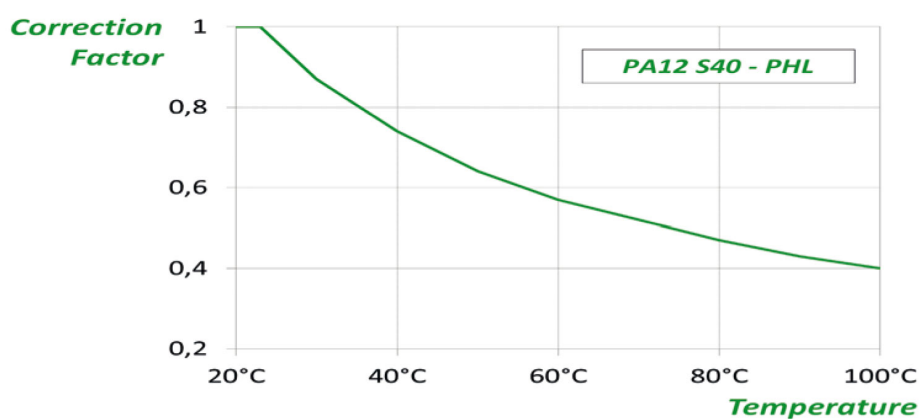
Spirals are supplied with a 1/2" NPT male fitting already installed at both ends.

N.B. In the code there is an *, this must be replaced with the color code of the tubing **BLUE (B), RED (R), YELLOW (G)**.

Example: Red spiral – code SCAR129R21NPT.



PRESSURE CORRECTION FACTOR ACCORDING TO TEMPERATURE



TECHNICAL FEATURES OF POLYAMIDE

General Properties	Standard	U.M.	Value
Density	ISO R 1183D	g/cm ³	1.03
Hardness	ISO 868	Shore D	65
Tensile stress at break	ISO R527	MPa	50
Elongation at break	ISO R527	%	300
Tensile strength modulus	ISO R527	MPa	400
Bending modulus	ISO 178	MPa	400
Charpy impact	ISO 179	kJ/m ²	
Unnotched 23°C			>100
Unnotched -30°C			>100
Notched 23°C			NC
Notched -30°C			7
Heat deflection temperature	ISO 75	°C	125
with 0.46 MPa			46
with 1.85 MPa			
Melting point	ISO11357	°C	168-174

OPTIONAL



Packing

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