



CARBOBLUE N/L 20

Parker Global Product

Carboblue is specially designed for applications where there is a requirement for extracting NOx (nitrogen oxide and its mixtures that emit polluted substances into the environment during air combustion) and dramatically reducing exhaust gas from diesel engines. These objectives are included in European parameters EURO IV, EURO V and EURO VI.

Hose Construction

Tube: Black, smooth, antistatic
($R < 1 \text{ M}\Omega/\text{m}$) and sulphur free
EPDM rubber compound nitrosamine free with peroxide curing.

Extensive tests on tensile stress, cold bending, heat, and laceration resistance on compound in contact with the additive did not show alteration of its state.

Reinforcement: Synthetic textile fabrics
Cover: Black, smooth, antistatic
($R < 1 \text{ M}\Omega/\text{m}$), EPDM rubber compound nitrosamine free, ageing, heat and weather resistant



- Compatibility approved by Urea (AUS32) manufacturer and third part laboratory approved for ISO 22241
- Environmental friendly
- Nitrosamine free
- Design Factor 3:1



Temperature Range

-40 °C (-40 °F) +100 °C (+212 °F) with peaks up to +120 °C (+248 °C)

Tolerances

According to UNI EN ISO 1307
Refer to Technical Handbook on page TH34

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource-euro.

Part Number				Max. Working Pressure				
	I.D. (mm)	O.D. (mm)	MPa	psi	bar	kg/m	min. Bend Radius mm	
IH30515043/100	6	12	2.0	300.0	20	0.11	40	
IH30515044/100	8	15	2.0	300.0	20	0.16	50	
IH30515045/100	10	17	2.0	300.0	20	0.19	60	
IH30515046/100	13	20	2.0	300.0	20	0.23	80	
IH30515040/80	16	26	2.0	300.0	20	0.43	100	
IH30515041/80	19	30	2.0	300.0	20	0.56	115	
IH30515047/50	25	37	2.0	300.0	20	0.76	150	

Hose layline example