



WRC
Wire Round Corrugated

PRODUCT

Wire Round Corrugated Steel Fibres are made of cold drawn low carbon steel wire, with diameter of 0.5 mm or 0.6 mm or 0.7 mm or 0.9 mm or 1.0mm, and with length from 25 mm to 60 mm, conforms to ASTM A820. Tensile strength can be achieved as per customer's requirements.



TECHNICAL INFORMATION

Fibre	WRC Fibre
ASTM Specification	ASTM A820 Type I
Material Type	Low Carbon, Drawn Wire
Tensile Strength	Min.900Mpa
Deformations	Continuously Deformed

FIBRE SELECTION GUIDE

Fibre	WRC
Diameter	From 0.5mm to 1.0mm
Length	From 25mm to 60mm

Others can be produced according to customer's specification

PACKING

25kg paper(poly line) bags, 40bags per pallet-1000kgs. Carton is available.

SAFETY

Switco recommends that gloves and eye protection be used when handling or adding steel fibres.

The properties of steel fibre WRC are described on the other side of the leaf. For more information, please contact us.



The products should be stored in clean,dry environment.

Protect the pallets against rain.

WHE
Wire Hooked End

PRODUCT

Wire Hooked End Steel Fibres are made of cold drawn low carbon steel wire, with diameter of 0.5 mm or 0.6 mm or 0.7 mm or 0.9 mm or 1.0mm, and with length from 25 mm to 60 mm, conforms to ASTM A820. Tensile strength can be achieved as per customer's requirements.



The properties of steel fibre WHE are described on the other side of the leaf. For more information, please contact us.



TECHNICAL INFORMATION

Fibre	WHE Fibre
ASTM Specification	ASTM A820 Type I
Material Type	Low Carbon, Drawn Wire
Tensile Strength	Min.900Mpa
Deformations	End Deformed Cold Drawn Wire Fibre

FIBRE SELECTION GUIDE

Fibre	Diameter mm	Length mm	Aspect Ratio l/d	Tensile Strength
WHE0530	0.5	30	60	I > 900 N/mm ² II > 1050 N/mm ² III > 1100 N/mm ²
WHE0535	0.5	35	70	
WHE0630	0.6	30	50	
WHE7560	0.75	60	80	
WHE1050	1.0	50	50	

Others can be produced according to customer's specification

PACKING

25kg paper(poly line) bags, 40bags per pallet-1000kgs.
Carton is available.

SAFETY

Switco recommends that gloves and eye protection be used when handling or adding steel fibres.



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WCR
Wire CRimped

PRODUCT

Wire CRimped Steel Fibres are made of low carbon cold drawn steel and have a minimum tensile strength over 700Mpa. It contains deformations that run the full length of the fibres and give an incredible mechanical bond to the concrete matrix. WCR fibres provide a uniform distribution of reinforcement throughout the concrete that increase the tensile strength, impact resistance, shear strength, and ductility of the concrete.

One of the many outstanding characteristics of WCR Steel Fibres is the ease of handling. No sophisticated or expensive equipment is required to achieve uniform, ball free distribution of WCR Fibres in the concrete matrix. The undulations along the fibre length provide mechanical anchorage of the fibres into the concrete, enhancing post first crack strength.



TECHNICAL INFORMATION

Fibre	WCR Fibre
ASTM Specification	ASTM A820 Type I
Material Type	Low Carbon, Drawn Wire
Tensile Strength	Min.700Mpa
Deformations	Full length deformed circular segment
Appearances	Bright and Clean

FIBRE SELECTION GUIDE

Fibre	Length	Equivalent Dia. mm	Aspect Ratio l/d	Application
WCR25	25mm (1")	0.85	30	Dry Mix Shotcrete
WCR38 WCR40	38mm (1.5")	0.85	45	Ground slabs and pre-cast
WCR50	50mm (2")	0.85	60	Industrial or Commercial Floors,Airports,Roads,Bridge, Decks

PACKING

25kg paper(poly line) bags, 44bags per pallet-1100kgs.
20kg bag is available.

SAFETY

Switco recommends that gloves and eye protection be used when handling or adding steel fibres.



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